




Ceramic Capacitors(SMD)





◀ Search Conditions ▶

GRM155R(Starting with ...)
Temperature characteristics:X5R,X5S
Capacitance 3 DigitCode:220 to 2200000(pF)
Rated Voltage DC:6.3 to 50(Vdc)
Tolerance of capacitance:±10%,±20%

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J225KE01# In Production	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	2.2μF	±10%	
GRM155R60J225ME01# In Production	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	2.2μF	±20%	
GRM155R61A225KE01# In Production	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	2.2μF	±10%	Derating1

Attention
1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This catalog has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)





Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A225ME01# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	2.2μF	±20%	Derating1
GRM155R61C105KA12# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	1μF	±10%	
GRM155R61C105MA12# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	1μF	±20%	
GRM155R61C225KE11# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.2mm	0.5 ±0.2mm	0.5 ±0.2mm	X5R(EIA)	16Vdc	2.2μF	±10%	

Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61C225KE44# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	16Vdc	2.2μF	±10%	Derating1
GRM155R61C225ME11# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.2mm	0.5 ±0.2mm	0.5 ±0.2mm	X5R(EIA)	16Vdc	2.2μF	±20%	
GRM155R61C225ME15# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.2mm	0.5 ±0.2mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	2.2μF	±20%	
GRM155R61C225ME44# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	16Vdc	2.2μF	±20%	Derating1

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61E105KA12# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	1μF	±10%	Derating1
GRM155R61E105KE11# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	25Vdc	1μF	±10%	
GRM155R61E105MA12# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	1μF	±20%	Derating1
GRM155R61E225KE11# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.2mm	0.5 ±0.2mm	0.5 ±0.2mm	X5R(EIA)	25Vdc	2.2μF	±10%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61E225ME11# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.2mm	0.5 ±0.2mm	0.5 ±0.2mm	X5R(EIA)	25Vdc	2.2μF	±20%	
GRM155R61E225ME15# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.2mm	0.5 ±0.2mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	2.2μF	±20%	Derating1
GRM155R61H104KE14# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	0.1μF	±10%	
GRM155R61H104KE19# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	0.1μF	±10%	

Automotive






Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61H104ME14# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	0.1μF	±20%	
GRM155R61H104ME19# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	0.1μF	±20%	
GRM155R61H105KE05# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Mobile Electronics		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	50Vdc	1μF	±10%	Derating1. Only for mobile devices
GRM155R61H105ME05# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Mobile Electronics		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	50Vdc	1μF	±20%	Derating1. Only for mobile devices
GRM155R61H224KE01# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	0.22μF	±10%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61H224ME01# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	0.22μF	±20%	
GRM155R61H334KE01# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	50Vdc	0.33μF	±10%	
GRM155R61H334ME01# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	50Vdc	0.33μF	±20%	
GRM155R61H474KE11# <div>In Production</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	50Vdc	0.47μF	±10%	Derating1






Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61H474ME11# <small>In Production</small>	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	50Vdc	0.47μF	±20%	Derating ¹
GRM155R6YA105KE11# <small>In Production</small>	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	35Vdc	1μF	±10%	Derating ¹
GRM155R6YA105ME11# <small>In Production</small>	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.1mm	0.5 ±0.1mm	0.5 ±0.1mm	X5R(EIA)	35Vdc	1μF	±20%	Derating ¹
GRM155R6YA225KE11# <small>In Production</small>	85 °C max. Reflow OK	Automotive Mobile Electronics		1.0 ±0.2mm	0.5 ±0.2mm	0.5 ±0.2mm	X5R(EIA)	35Vdc	2.2μF	±10%	Derating ¹ . Only for mobile devices
GRM155R6YA225ME11# <small>In Production</small>	85 °C max. Reflow OK	Mobile Electronics		1.0 ±0.2mm	0.5 ±0.2mm	0.5 ±0.2mm	X5R(EIA)	35Vdc	2.2μF	±20%	Derating ¹ . Only for mobile devices

Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This catalog has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J102KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	1000pF	±10%	
GRM155R60J103KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	10000pF	±10%	
GRM155R60J104KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.1μF	±10%	
GRM155R60J104MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.1μF	±20%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J124KE01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.12μF	±10%	
GRM155R60J124ME01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.12μF	±20%	
GRM155R60J154KE01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.15μF	±10%	
GRM155R60J154ME01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.15μF	±20%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)





Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J155ME80# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.07mm	0.5 ±0.07mm	0.5 ±0.07mm	X5R(EIA)	6.3Vdc	1.5μF	±20%	Derating ¹ . Measure capacitance after heat treatment
GRM155R60J184KE01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.18μF	±10%	
GRM155R60J184ME01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.18μF	±20%	
GRM155R60J222KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	2200pF	±10%	

Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J223KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	22000pF	±10%	
GRM155R60J224KE01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.22μF	±10%	
GRM155R60J224ME01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.22μF	±20%	
GRM155R60J274KE01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.27μF	±10%	

Automotive

Attention
1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This catalog has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J274ME01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.27μF	±20%	
GRM155R60J334KE01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.33μF	±10%	
GRM155R60J334ME01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.33μF	±20%	
GRM155R60J394KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.39μF	±10%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J394ME19# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.39μF	±20%	
GRM155R60J472KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	4700pF	±10%	
GRM155R60J473KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	47000pF	±10%	
GRM155R60J474KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.47μF	±10%	

Automotive

Attention
1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This catalog has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J474ME19# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.47μF	±20%	
GRM155R60J563KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	56000pF	±10%	
GRM155R60J563MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	56000pF	±20%	
GRM155R60J564KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.56μF	±10%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)





Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J564ME19# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.56μF	±20%	
GRM155R60J683KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	68000pF	±10%	
GRM155R60J683MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	68000pF	±20%	
GRM155R60J684KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.68μF	±10%	

Automotive

Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This catalog has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J684ME19# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.68μF	±20%	
GRM155R60J823KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	82000pF	±10%	
GRM155R60J823MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	82000pF	±20%	
GRM155R60J824KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.82μF	±10%	

Automotive

Attention
 1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
 2. This catalog has only typical specifications because there is no space for detailed specifications.
 Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R60J824ME19# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	0.82μF	±20%	
GRM155R61A102KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	1000pF	±10%	
GRM155R61A103KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	10000pF	±10%	
GRM155R61A104KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.1μF	±10%	

Automotive

Attention
 1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
 2. This catalog has only typical specifications because there is no space for detailed specifications.
 Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A104MA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.1μF	±20%	
GRM155R61A124KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.12μF	±10%	
GRM155R61A124ME19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.12μF	±20%	
GRM155R61A154KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.15μF	±10%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A154ME19# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.15μF	±20%	
GRM155R61A184KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.18μF	±10%	
GRM155R61A184ME19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.18μF	±20%	
GRM155R61A222KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	2200pF	±10%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A223KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	22000pF	±10%	
GRM155R61A223KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.22μF	±10%	
GRM155R61A224ME19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.22μF	±20%	
GRM155R61A273KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	27000pF	±10%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A273MA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	27000pF	±20%	
GRM155R61A274KE15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.27μF	±10%	
GRM155R61A274ME15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.27μF	±20%	
GRM155R61A333KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	33000pF	±10%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A333MA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	33000pF	±20%	
GRM155R61A334KE15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.33μF	±10%	
GRM155R61A334ME15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.33μF	±20%	
GRM155R61A393KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	39000pF	±10%	

Automotive

Attention
1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This catalog has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A393MA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	39000pF	±20%	
GRM155R61A394KE15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.39μF	±10%	
GRM155R61A394ME15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.39μF	±20%	
GRM155R61A472KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	4700pF	±10%	

Automotive

Attention
1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This catalog has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A473KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	47000pF	±10%	
GRM155R61A473MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	47000pF	±20%	
GRM155R61A474KE15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.47μF	±10%	
GRM155R61A474ME15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.47μF	±20%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A563KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	56000pF	±10%	
GRM155R61A563MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	56000pF	±20%	
GRM155R61A564KE15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.56μF	±10%	
GRM155R61A564ME15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.56μF	±20%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A683KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	68000pF	±10%	
GRM155R61A683MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	68000pF	±20%	
GRM155R61A684KE15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.68μF	±10%	
GRM155R61A684ME15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.68μF	±20%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A823KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	82000pF	±10%	
GRM155R61A823MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	82000pF	±20%	
GRM155R61A824KE15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.82μF	±10%	
GRM155R61A824ME15# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	0.82μF	±20%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61C102KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	1000pF	±10%	
GRM155R61C103KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	10000pF	±10%	
GRM155R61C104KA88# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	0.1μF	±10%	
GRM155R61C104MA88# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	0.1μF	±20%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61C222KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	2200pF	±10%	
GRM155R61C222KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	22000pF	±10%	
GRM155R61C223MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	22000pF	±20%	
GRM155R61C224KA12# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	0.22μF	±10%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61C224MA12# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	0.22μF	±20%	
GRM155R61C273KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	27000pF	±10%	
GRM155R61C273MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	27000pF	±20%	
GRM155R61C333KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	33000pF	±10%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61C333MA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	33000pF	±20%	
GRM155R61C393KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	39000pF	±10%	
GRM155R61C393MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	39000pF	±20%	
GRM155R61C472KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	4700pF	±10%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61C473KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	47000pF	±10%	
GRM155R61C473MA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	47000pF	±20%	
GRM155R61C474KE01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	0.47μF	±10%	
GRM155R61C474ME01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	0.47μF	±20%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61C563KA88# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	56000pF	±10%	
GRM155R61C563MA88# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	56000pF	±20%	
GRM155R61C682KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	6800pF	±10%	
GRM155R61C683KA88# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	68000pF	±10%	

Automotive

Attention
 1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
 2. This catalog has only typical specifications because there is no space for detailed specifications.
 Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61C683MA88# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	68000pF	±20%	
GRM155R61C823KA88# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	82000pF	±10%	
GRM155R61C823MA88# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	82000pF	±20%	
GRM155R61E102KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	1000pF	±10%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61E103KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	10000pF	±10%	
GRM155R61E104KA87# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	0.1μF	±10%	
GRM155R61E104MA87# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	0.1μF	±20%	
GRM155R61E222KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	2200pF	±10%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61E224KE01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	0.22μF	±10%	
GRM155R61E224ME01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	0.22μF	±20%	
GRM155R61E472KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	4700pF	±10%	
GRM155R61E474KE01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	0.47μF	±10%	

Automotive

Attention
 1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
 2. This catalog has only typical specifications because there is no space for detailed specifications.
 Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61E474ME01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	0.47μF	±20%	
GRM155R61E683KA87# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	68000pF	±10%	
GRM155R61E683MA87# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	25Vdc	68000pF	±20%	
GRM155R61H102KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	1000pF	±10%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61H222KA01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	2200pF	±10%	
GRM155R61H333KE14# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	33000pF	±10%	
GRM155R61H333KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	33000pF	±10%	
GRM155R61H333ME14# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	33000pF	±20%	





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61H333ME19# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	33000pF	±20%	
GRM155R61H472KA01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	4700pF	±10%	
GRM155R61H473KE14# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	47000pF	±10%	
GRM155R61H473KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	47000pF	±10%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)





Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61H473ME14# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	47000pF	±20%	
GRM155R61H473ME19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	47000pF	±20%	
GRM155R61H683KE14# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	68000pF	±10%	
GRM155R61H683KE19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	68000pF	±10%	

Automotive

Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This catalog has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61H683ME14# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	68000pF	±20%	
GRM155R61H683ME19# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	50Vdc	68000pF	±20%	
GRM155R6YA224KE01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	35Vdc	0.22μF	±10%	Derating1
GRM155R6YA224ME01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	35Vdc	0.22μF	±20%	Derating1





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R6YA474KE01# NRND	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	35Vdc	0.47μF	±10%	Derating1
GRM155R6YA474ME01# NRND	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	35Vdc	0.47μF	±20%	Derating1
GRM155R60J105KE19# To be discontinued	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	1μF	±10%	
GRM155R60J105ME19# To be discontinued	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	6.3Vdc	1μF	±20%	

Automotive





Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61A105KE01# <div>To be discontinued</div>	85 °C max. Reflow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	1μF	±10%	
GRM155R61A105KE15# <div>To be discontinued</div>	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	1μF	±10%	
GRM155R61A105ME01# <div>To be discontinued</div>	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	1μF	±20%	
GRM155R61A105ME15# <div>To be discontinued</div>	85 °C max. Reflow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	10Vdc	1μF	±20%	

Automotive

Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM155R61C105KE01# <div>To be discontinued</div>	<div>85°C max.</div> <div>Reflow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	1μF	±10%	Derating1
GRM155R61C105ME01# <div>To be discontinued</div>	<div>85°C max.</div> <div>Reflow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.0 ±0.05mm	0.5 ±0.05mm	0.5 ±0.05mm	X5R(EIA)	16Vdc	1μF	±20%	Derating1

Attention

1. This catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This catalog has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.