




Ceramic Capacitors(SMD)

« Search Conditions »





GRM188R7(Starting with ...)
Capacitance 3 DigitCode:220 to 2200000(pF)
Tolerance of capacitance:±10%
Rated Voltage DC: to 50(Vdc)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R70J225KE15# <div>In Production</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	2.2μF	±10%	
GRM188R71A225KE15# <div>In Production</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	2.2μF	±10%	
GRM188R71C474KA88# <div>In Production</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.47μF	±10%	

Automotive

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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E224KA88# <div>In Production</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.22μF	±10%	
GRM188R71E474KA12# <div>In Production</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.47μF	±10%	
GRM188R71H224KAC4# <div>In Production</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	0.22μF	±10%	
GRM188R7YA474KE05# <div>In Production</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	35Vdc	0.47μF	±10%	





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GRM188R70J224KA88# NRND	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	0.22μF	±10%	
GRM188R70J474KA01# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	0.47μF	±10%	
GRM188R71A124KA01# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.12μF	±10%	
GRM188R71A154KA01# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.15μF	±10%	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71A184KA01# NRND	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.18μF	±10%	
GRM188R71A224KA01# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.22μF	±10%	
GRM188R71A224KC01# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.22μF	±10%	Please use alternative.
GRM188R71A334KA61# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.33μF	±10%	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71A394KA61# NRND	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.39μF	±10%	
GRM188R71A474KA61# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.47μF	±10%	
GRM188R71A564KA61# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.56μF	±10%	
GRM188R71A684KA61# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.68μF	±10%	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71C124KA01# NRND	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.12μF	±10%	
GRM188R71C154KA01# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.15μF	±10%	
GRM188R71C184KA01# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.18μF	±10%	
GRM188R71C224KA01# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.22μF	±10%	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71C274KA01# NRND	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.27μF	±10%	
GRM188R71C334KA01# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.33μF	±10%	
GRM188R71C394KA88# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.39μF	±10%	
GRM188R71E124KA01# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.12μF	±10%	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E154KA01# NRND	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.15μF	±10%	
GRM188R71E184KA88# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.18μF	±10%	
GRM188R71H154KAC4# NRND	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	0.15μF	±10%	
GRM188R70J103KA01# To be discontinued	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	10000pF	±10%	Please use alternative.

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R70J104KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	0.1μF	±10%	Please use alternative.
GRM188R70J105KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	1μF	±10%	
GRM188R70J223KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	22000pF	±10%	
GRM188R70J473KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	47000pF	±10%	

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GRM188R71A105KA61# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	1μF	±10%	
GRM188R71C102KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	1000pF	±10%	Please use alternative.
GRM188R71C103KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	10000pF	±10%	Please use alternative.
GRM188R71C104KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.1μF	±10%	





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GRM188R71C105KA12# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	1μF	±10%	
GRM188R71C105KE15# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	1μF	±10%	
GRM188R71C123KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	12000pF	±10%	
GRM188R71C153KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	15000pF	±10%	





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GRM188R71C183KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	18000pF	±10%	
GRM188R71C222KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	2200pF	±10%	Please use alternative.
GRM188R71C223KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	22000pF	±10%	
GRM188R71C273KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	27000pF	±10%	





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GRM188R71C333KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	33000pF	±10%	
GRM188R71C393KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	39000pF	±10%	
GRM188R71C472KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	4700pF	±10%	Please use alternative.
GRM188R71C473KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	47000pF	±10%	





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GRM188R71C563KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	56000pF	±10%	
GRM188R71C683KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	68000pF	±10%	
GRM188R71C823KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	82000pF	±10%	
GRM188R71E102KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1000pF	±10%	Please use alternative.

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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E103KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	10000pF	±10%	
GRM188R71E104KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.1μF	±10%	
GRM188R71E105KA12# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1μF	±10%	
GRM188R71E112KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1100pF	±10%	Please use alternative.





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E122KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1200pF	±10%	Please use alternative.
GRM188R71E123KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	12000pF	±10%	
GRM188R71E132KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1300pF	±10%	Please use alternative.
GRM188R71E133KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	13000pF	±10%	





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E152KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1500pF	±10%	Please use alternative.
GRM188R71E153KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	15000pF	±10%	
GRM188R71E162KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1600pF	±10%	Please use alternative.
GRM188R71E163KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	16000pF	±10%	





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E182KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1800pF	±10%	Please use alternative.
GRM188R71E183KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	18000pF	±10%	
GRM188R71E202KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	2000pF	±10%	Please use alternative.
GRM188R71E203KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	20000pF	±10%	





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E222KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	2200pF	±10%	Please use alternative.
GRM188R71E223KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	22000pF	±10%	
GRM188R71E242KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	2400pF	±10%	Please use alternative.
GRM188R71E272KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	2700pF	±10%	Please use alternative.





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E273KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	27000pF	±10%	
GRM188R71E302KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	3000pF	±10%	Please use alternative.
GRM188R71E332KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	3300pF	±10%	Please use alternative.
GRM188R71E333KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	33000pF	±10%	





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E362KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	3600pF	±10%	
GRM188R71E392KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	3900pF	±10%	
GRM188R71E393KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	39000pF	±10%	
GRM188R71E432KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	4300pF	±10%	

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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E472KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	4700pF	±10%	
GRM188R71E473KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	47000pF	±10%	
GRM188R71E512KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	5100pF	±10%	
GRM188R71E562KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	5600pF	±10%	

Automotive





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E563KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	56000pF	±10%	
GRM188R71E622KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	6200pF	±10%	
GRM188R71E682KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	6800pF	±10%	
GRM188R71E683KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	68000pF	±10%	





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E752KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	7500pF	±10%	
GRM188R71E822KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	8200pF	±10%	
GRM188R71E823KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	82000pF	±10%	
GRM188R71E912KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	9100pF	±10%	

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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H102KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1000pF	±10%	Please use alternative.
GRM188R71H103KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	10000pF	±10%	
GRM188R71H104KA93# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	0.1μF	±10%	
GRM188R71H112KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1100pF	±10%	Please use alternative.





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H122KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1200pF	±10%	Please use alternative.
GRM188R71H123KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	12000pF	±10%	
GRM188R71H132KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1300pF	±10%	Please use alternative.
GRM188R71H152KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1500pF	±10%	Please use alternative.

Automotive





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H153KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	15000pF	±10%	
GRM188R71H162KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1600pF	±10%	
GRM188R71H182KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1800pF	±10%	
GRM188R71H183KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	18000pF	±10%	

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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H202KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2000pF	±10%	
GRM188R71H221KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	220pF	±10%	Please use alternative.
GRM188R71H222KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2200pF	±10%	
GRM188R71H223KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	22000pF	±10%	





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Ceramic Capacitors(SMD)

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GRM188R71H241KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	240pF	±10%	Please use alternative.
GRM188R71H242KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2400pF	±10%	
GRM188R71H271KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	270pF	±10%	Please use alternative.
GRM188R71H272KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2700pF	±10%	

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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H273KA61# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	27000pF	±10%	
GRM188R71H301KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	300pF	±10%	Please use alternative.
GRM188R71H302KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3000pF	±10%	
GRM188R71H331KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	330pF	±10%	Please use alternative.





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H332KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3300pF	±10%	
GRM188R71H333KA61# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	33000pF	±10%	
GRM188R71H361KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	360pF	±10%	Please use alternative.
GRM188R71H362KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3600pF	±10%	

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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H391KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	390pF	±10%	Please use alternative.
GRM188R71H392KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3900pF	±10%	
GRM188R71H393KA61# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	39000pF	±10%	
GRM188R71H431KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	430pF	±10%	Please use alternative.





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H432KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	4300pF	±10%	
GRM188R71H471KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	470pF	±10%	Please use alternative.
GRM188R71H472KA01# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	4700pF	±10%	
GRM188R71H473KA61# <div>To be discontinued</div>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	47000pF	±10%	





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H511KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	510pF	±10%	Please use alternative.
GRM188R71H512KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	5100pF	±10%	
GRM188R71H561KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	560pF	±10%	Please use alternative.
GRM188R71H562KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	5600pF	±10%	





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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H563KA93# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	56000pF	±10%	
GRM188R71H621KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	620pF	±10%	Please use alternative.
GRM188R71H622KA01# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	6200pF	±10%	
GRM188R71H623KA93# <div>To be discontinued</div>	<div>125°C max.</div> <div>Reflow OK</div> <div>Flow OK</div>	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	62000pF	±10%	













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Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H681KA01# <small>To be discontinued</small>	125°C max.  	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	680pF	±10%	Please use alternative.
GRM188R71H682KA01# <small>To be discontinued</small>	125°C max.  	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	6800pF	±10%	
GRM188R71H683KA93# <small>To be discontinued</small>	125°C max.  	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	68000pF	±10%	
GRM188R71H751KA01# <small>To be discontinued</small>	125°C max.  	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	750pF	±10%	Please use alternative.





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Ceramic Capacitors(SMD)





Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H752KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	7500pF	±10%	
GRM188R71H753KA93# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	7500pF	±10%	
GRM188R71H821KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	820pF	±10%	Please use alternative.
GRM188R71H822KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	8200pF	±10%	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H823KA93# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	82000pF	±10%	
GRM188R71H912KA01# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	9100pF	±10%	
GRM188R71H913KA93# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	91000pF	±10%	
GRM188R7YA105KA12# <small>To be discontinued</small>	125°C max. Reflow OK Flow OK	Automotive Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	35Vdc	1μF	±10%	Derating1

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