

«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#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	2.2µF	±10%	
In Production		equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71A225KE15#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	2.2µF	±10%	
In Production		equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C474KA88#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.47µF	±10%	
In Production	125 Cmax. Reflow OK Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
		Automotive								·	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E224KA88#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.22µF	±10%	
In Production	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E474KA12#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.47µF	±10%	
In Production	125 Cmax. Reflow Flow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71H224KAC4#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	0.22µF	±10%	
In Production	125 Cmax. Reflow Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF A/B/C] except for									
		implant equipment,									
		Automotive Consumer		4.0.10.4		0.0.10.4		35Vdc	0.47.5	1400/	
GRM188R7YA474KE05#	125 Cmax. Reflow OK Flow OK	equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	32700	0.47µF	±10%	
In Production	C max. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R70J224KA88#		Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	0.22µF	±10%	
NRND	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R70J474KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	0.47µF	±10%	
NRND	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71A124KA01#		Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.12µF	±10%	
NRND	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71A154KA01#	125 Cmax. Reflow OK	Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.15µF	±10%	
NRND	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
	1	Automotive			1	1	1	1	1		

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

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71A394KA61#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.39µF	±10%	
NRND	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile	~								
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71A474KA61#	125 7	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.47µF	±10%	
NRND	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF A/B/C] except for									
		implant equipment,									
GRM188R71A564KA61#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.56µF	±10%	
NRND		equipment,		1.0 ±0.111111	0.0 10.11111	0.0 ±0.111111		100000	0.30µ1	1070	
INRIND	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71A684KA61#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	10Vdc	0.68µF	±10%	
NRND		equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF A/B/C] except for									
		implant equipment,									
		Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71C124KA01#	125 Cmax. Reflow Flow OK	Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.12µF	±10%	
INRIND	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C154KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.15µF	±10%	
NRND	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71C184KA01#		Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.18µF	±10%	
NRND	125 Cmax. Reflow Flow OK	equipment,									
	OK (NOWOK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C224KA01#	125 Cmax. Reflow Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.22µF	±10%	
NRND	Cmax. OK FlowOK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
L	1	Automotive		1	1	1	1	1	1		

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71C274KA01#	125 Cmax. Reflow Flow OK	Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.27µF	±10%	
NRND	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C334KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.33µF	±10%	
NRND	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71C394KA88#		Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	0.39µF	±10%	
NRND	125 Cmax. Reflow OK	equipment,									
	OK (NOR)	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
		Automotive Consumer		4.0.10.4	0.0.10.4	0.0.10.4			0.40.5	1400/	
GRM188R71E124KA01#	125 Cmax. Reflow Flow OK	equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.12µF	±10%	
NRND	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E154KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.15µF	±10%	
NRND	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile	~								
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E184KA88#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.18µF	±10%	
NRND	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71H154KAC4#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	0.15µF	±10%	
NRND	125 Cmax. Reflow Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF A/B/C] except for									
		implant equipment,									
GRM188R70J103KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm		6.3Vdc	10000pF	±10%	Please use
	125 Cmax. Reflow OK Flow OK	equipment,		1.0 ±0.1mm	0.0 ±0.1111fh	0.0 ±0.1111M	X7R(EIA)	0.3700		10%	alternative.
To be discontinued	OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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GRM188R70J104KA01#	125 Cmax. Reflow Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	0.1µF	±10%	Please use
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									alternative.
		Equipment,Mobile									
		Electronics.Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R70J105KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	1µF	±10%	
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R70J223KA01#	125 Cmax. Reflow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	22000pF	±10%	
To be discontinued	Cmax. Reflow OK Flow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R70J473KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	6.3Vdc	47000pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,		1.0 10.11111	0.0 10. 11111	0.0 10. 11111		0.0100		-10/0	
discontinued	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
	ļ	Automotive									

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

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GRM188R71C105KA12#	125 Cmax. Reflow OK Flow OK	Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	1µF	±10%	
unscontinueu	OTHER. OK FIGWOR	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C105KE15#	125 Cmax. Reflow Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	1µF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment,									
		Industrial Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71C123KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	12000pF	±10%	
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									
	OK (New ork)	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C153KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	15000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment,									
		Industrial Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
L	1	Automotive			1	1	1	1	1	1	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71C183KA01#	125 Cmax. Reflow Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	18000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C222KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	2200pF	±10%	Please use
To be discontinued	125 Cmax. Reflow OK	equipment,									alternative.
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C223KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	22000pF	±10%	
To be discontinued	125 Cmax.	equipment,									
discontinued		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C273KA01#	125 Cmax. Reflow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	27000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF	-								
		A/B/C] except for									
		implant equipment,									
	1	Automotive			1	1	1	1	1		

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71C333KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	33000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C393KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	39000pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C472KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	4700pF	±10%	Please use
To be discontinued	125 Cmax. Reflow OK Flow OK	equipment,									alternative.
discontinued	OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C473KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	47000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
L		Automotive			<u> </u>		<u>I</u>	<u> </u>	1	1	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71C563KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	56000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71C683KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	68000pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71C823KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	16Vdc	82000pF	±10%	
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
		Automotive Consumer		4.0.10.4		0.0.10.4		25Vdc	1000pF	1400/	Discourse
GRM188R71E102KA01#	125 Cmax. Reflow OK	equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	ZOVUC		±10%	Please use alternative.
To be discontinued	Cmax. OK Flow OK	Industrial									anomativo.
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E103KA01#		Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	10000pF	±10%	
To be discontinued	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E104KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	0.1µF	±10%	
To be discontinued	Cmax. Reflow OK Flow OK	equipment,									
		Industrial Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71E105KA12#	125 7	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1µF	±10%	
To be discontinued	125 Cmax. Reflow OK Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E112KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1100pF	±10%	Please use
To be discontinued	125 Cmax. Reflow OK Flow OK	equipment,		1.0 20.11111	0.0 10.11111	0.0 10.11111		20100		1070	alternative.
discontinued	OK FIOWOK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E122KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1200pF	±10%	Please use
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									alternative.
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E123KA01#	125 7	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	12000pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
00040000745400//404#		Automotive Consumer		4.0.10.4	0.0.10.4	0.0.10.4		05)//-	1000-5	1400/	Discourse
GRM188R71E132KA01#	125 Cmax. Reflow Flow OK	equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1300pF	±10%	Please use alternative.
To be discontinued	Cmax. OK Flow OK	Industrial									allemative.
		Equipment,Mobile	~								
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E133KA01#	125 7	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	13000pF	±10%	
To be discontinued		equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E152KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1500pF	±10%	Please use
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									alternative.
		Equipment,Mobile	~								
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E153KA01#	125	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	15000pF	±10%	
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E162KA01#		Constiner		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1600pF	±10%	Please use
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									alternative.
	OK (NOROK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
		Automotive Consumer		4.0.04				051/1	10000 F		
GRM188R71E163KA01#		equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	16000pF	±10%	
To be discontinued	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E182KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	1800pF	±10%	Please use
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									alternative.
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E183KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	18000pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
0004000745000//404#		Automotive Consumer		4.0.10.4	0.0.10.4	0.0.10.4		05)//-	0000.5	1400/	Discourse
GRM188R71E202KA01#	125 Cmax. Reflow Flow OK	equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	2000pF	±10%	Please use alternative.
To be discontinued	Cmax. OK Flow OK	Industrial									allemative.
		Equipment,Mobile	~								
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E203KA01#	125 7	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	20000pF	±10%	
To be discontinued		equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E273KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	27000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E302KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	3000pF	±10%	Please use
To be discontinued	125 Cmax. Reflow OK	equipment,									alternative.
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E332KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	3300pF	±10%	Please use
To be discontinued	125 Cmax. Reflow OK Flow OK	equipment,									alternative.
uiscontinueu	OK PIOWOK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E333KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	33000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment,									
		Industrial Equipment,Mobile									
		Equipment, Mobile									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
L		Automotive			1	1	1	1	1	1	

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

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E472KA01#	125 Cmax. Reflow OK Flow OK	Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	4700pF	±10%	
To be discontinued	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E473KA01#	125 Cmax. Reflow Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	47000pF	±10%	
To be discontinued	Cmax. Reflow OK Flow OK	equipment,									
		Industrial Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71E512KA01#	125 7 1	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	5100pF	±10%	
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E562KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	5600pF	±10%	
To be discontinued	125 Cmax. Reflow OK Flow OK	equipment,		1.0 20.111	0.0 10.11111	0.0 20. 11111		20100		21070	
discontinued	OK FIOWOK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E563KA01#	125 Cmax. Reflow Flow OK	Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	56000pF	±10%	
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71E622KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	6200pF	±10%	
To be discontinued	125 Cmax.	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF A/B/C] except for									
		implant equipment,									
GRM188R71E682KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	6800pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,		1.0 20.11111	0.0 10.11111	0.0 20.11111		20100		1070	
discontinued	OK FIOWOK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E683KA01#	125 Cmax. Reflow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	68000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71E752KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	7500pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71E822KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	8200pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71E823KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	82000pF	±10%	
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF A/B/C] except for									
		implant equipment,									
		Automotive Consumer		4.0.10.4		0.0.10.4		25Vdc	9100pF	1400/	
GRM188R71E912KA01#	125 Cmax. Reflow OK Flow OK	equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	ZOVÚC	a inobe	±10%	
To be discontinued	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H102KA01#	125 Cmax. Reflow OK FlowOK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1000pF	±10%	Please use
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									alternative.
		Equipment,Mobile									
		Electronics.Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71H103KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	10000pF	±10%	
To be discontinued		equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H104KA93#	125 Cmax. Reflow OK FlowOK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	0.1µF	±10%	
To be discontinued	Cmax. Reflow OK FlowOK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H112KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1100pF	±10%	Please use
		equipment,		1.0 ±0.111111	0.8 ±0.111111	0.0 ±0. IIIIII	A/R(EIA)	50 V UC	Поорг	1070	alternative.
To be discontinued	Cmax. OK Flow OK	Industrial									anomanyo.
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
1		Automotive					1	1			

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H122KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1200pF	±10%	Please use
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									alternative.
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H123KA01#	125	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	12000pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF A/B/C] except for									
		implant equipment,									
GRM188R71H132KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1300pF	±10%	Please use
1	125 Cmax. Reflow Flow OK	equipment,		1.0 ±0.1mm	0.8 ±0.1mm	0.0 ±0.1mm	X/R(EIA)	50700	1300pF	±10%	alternative.
To be discontinued	Cmax. OK Flow OK	Industrial									allemative.
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H152KA01#	125 -	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1500pF	±10%	Please use
To be discontinued		equipment,									alternative.
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H153KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	15000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H162KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1600pF	±10%	
To be discontinued		equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
		Automotive Consumer		4.0.04	0.0.10.1	0.0.0.4		50)//	1000 5		
GRM188R71H182KA01#		I I		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1800pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile	~								
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H183KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	18000pF	±10%	
To be discontinued	125 Cmax. Reflow OK Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
		Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H202KA01#		Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2000pF	±10%	
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF A/B/C] except for									
		implant equipment,									
GRM188R71H221KA01#		Automotive		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	220pF	±10%	Please use
To be discontinued	125 Cmax. Reflow Flow OK	equipment,		1.0 ±0.111111	0.8 ±0.111111	0.8 ±0.11111		50 V dC	22005	±10%	alternative.
discontinued	Cmax. OK Flow OK	Industrial									anomativo.
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H222KA01#		Constinier		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2200pF	±10%	
To be discontinued	Cmax. Reflow OK Flow OK	equipment,									
		Industrial Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71H223KA01#		Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	22000pF	±10%	
To be discontinued		equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF A/B/C] except for									
		implant equipment,									
		Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H241KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	240pF	±10%	Please use
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									alternative.
		Equipment,Mobile	~								
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H242KA01#	125	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2400pF	±10%	
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H271KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	270pF	±10%	Please use
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									alternative.
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
		Automotive Consumer		4.0.04				50171	0700 5		
GRM188R71H272KA01#		equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2700pF	±10%	
To be discontinued	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H273KA61#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	27000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H301KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	300pF	±10%	Please use
To be discontinued	125 Cmax. Reflow OK	equipment,									alternative.
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71H302KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3000pF	±10%	
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
		Automotive Consumer		1.0.10.4		0.0.10.4		50)//-	200-5	1400/	Discourse
GRM188R71H331KA01#	125 Cmax. Reflow OK	equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	330pF	±10%	Please use alternative.
To be discontinued	Cmax. OK Flow OK	Industrial									alternative.
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H332KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3300pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H333KA61#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	33000pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71H361KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	360pF	±10%	Please use
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									alternative.
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
		Automotive Consumer		4.0.10.4		0.0.10.4		50Vdc	3600pF	1400/	
GRM188R71H362KA01#	125 Cmax. Reflow OK	consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	SUVOC	SOUUPH	±10%	
To be discontinued	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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GRM BRBYT HYBIKAD16 Consumer Consumer LB a.D. fmm D.B a.D. fmm D.S a.D. fmm XTR(EIA) SVACe Stopper 10% Please asea GRM BRBYT HYBIKAD16 Lectronics, Modula Lectronics, Mod	Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
Industrial Equipment, Mobile Explorend, Mobile Equipment, IGHTF ABC coccept for inplant equipment, IGHTF ABC coccept for in		125 🚛 🎞			1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	390pF	±10%	I I
Equipment, Modie Electronics, Modie Equipment, Identi automent, Identi eutoment, Modie Equipment, Identi industrial Electronics, Modie Electronics, Modie 	discontinued	Cmax. OK Flow OK										alternative.
Image: Bedromes Medical equipment (MTF ABG (seege for implant equipment, Molic Equipment (MTF ABG (seege for implant equipment, Molic Electronics, Medical Equipment, Molic Electronics, Medical 				~								
Image: constraint of the section of												
Image: contentImage:			equipment [GHTF									
GRM 188R7 1H392KA01# CMR0H2P* endpment, industrial equipment, in			A/B/C] except for									
Image: State in the sequence of			implant equipment,									
Industrial Equipment, Mobile Electronics, Medical equipment, IGHTF ARBC except for implant equipment, Image: Second Control S	GRM188R71H392KA01#	125	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3900pF	±10%	
Industrial Equipment, Mobile Electronics, Medical equipment, IGHTF ARBC except for implant equipment, Image: Second Control S	To be discontinued	Cmax. Reflow Flow OK										
Electronics.Medical equipment, implant equipment, industrial equipment (GMTF ABC) except for inglant equipment, industrial			1									
Lectoring, wouldate of a constraint of constraint of a constraint of a constraint of a constrai												
Image: section of implant equipment, implant equipment, implant equipment, Mobile Electronics, Medical equipment, IGHTF A/B/C except for industrial Equipment, Mobile Electronics, Medical equipment, IGHTF A/B/C except for industrial Equipment, Mobile Electronics, Medical equipment, IGHTF A/B/C except for industrial Equipment, Mobile Electronics, Medical equipment, IGHTF A/B/C except for industrial Equipment, Mobile Electronics, Medical equipment, IGHTF A/B/C except for industrial Equipment, Mobile Electronics, Medical equipment, IGHTF A/B/C except for industrial Equipment, Mobile Electronics, Medical equipment, IGHTF A/B/C except for industrial Equipment, Mobile Electronics, Medical equipment, IGHTF A/B/C except for industrial Equipment, IGHTF A/			· · ·									
Image:												
Image: Section of the section of th												
Image: Set in the set in	GRM188R71H393KA61#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	39000pF	±10%	
Industrial Equipment, Mobile equipment (GHTF A/B/C) except for implant equipment, industrial Equipment, industrial Equipment, industrial Equipment, industrial equipment (GHTF A/B/C) except for I.6 ±0.1mm 0.8 ±0.1mm X7R(EIA) S0Vdc 430pF ±10% Please use alternative.	Tobe	Reflow Flow OK	equipment,									
Figure	discontinued		Industrial									
GRM188R71H431KA01# Implant equipment, Mobile Electronics, Medical equipment, GHTF, A/B/C) except for A/B/C) ex			Equipment,Mobile									
A/B/C) except for inplant equipment, A/B/C) except for inplant equipment, Image: Comparison of the comparison of			· · ·									
Implant equipment, implant e												
GRM188R71H431KA01# discordinged discording												
Alternative. Alternative. Alternative. Alternative. Alternative. Alternative. Alternative. Alternative. Alternative. Alternative.												
Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for		125 🕂 🎩			1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	430pF	±10%	
Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for	discontinued	Cmax. OK Flow OK										alternative.
Electronics,Medical Image: Comparison of the comparison			1									
equipment [GHTF A/B/C] except for												
			· · ·									
			A/B/C] except for									
implant equipment,			implant equipment,									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H432KA01#	125 Cmax. Reflow Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	4300pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H471KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	470pF	±10%	Please use
To be discontinued	125 Cmax. Reflow OK	equipment,									alternative.
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71H472KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	4700pF	±10%	
To be discontinued	125 Cmax.	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
		Automotive Consumer		4.0.10.4		0.0.10.4		50Vdc	47000pF	1400/	
GRM188R71H473KA61#	125 Cmax. Reflow OK	equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	201/00	47000pF	±10%	
To be discontinued	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H511KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	510pF	±10%	Please use
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									alternative.
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H512KA01#	125	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	5100pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H561KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	560pF	±10%	Please use
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									alternative.
discontinued		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive		4.0.04				50171	5000 5		
GRM188R71H562KA01#		Automotive Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	5600pF	±10%	
To be discontinued	Cmax. OK Flow OK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H563KA93#	125 Cmax. Reflow Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	56000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H621KA01#	125	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	620pF	±10%	Please use
To be discontinued	125 Cmax. Reflow OK	equipment,									alternative.
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H622KA01#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	6200pF	±10%	
To be discontinued	125 Cmax.	equipment,									
	UK (HOWOK	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H623KA93#	125 Cmax. Reflow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	62000pF	±10%	
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF	-								
		A/B/C] except for									
		implant equipment,									
		Automotive			1						<u>I</u>

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H681KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	680pF	±10%	Please use
To be discontinued	Cmax. OK Flow OK	equipment, Industrial									alternative.
		Equipment,Mobile	~								
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H682KA01#	125	Automotive Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	6800pF	±10%	
To be discontinued	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile									
		Electronics,Medical equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H683KA93#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	68000pF	±10%	
To be discontinued	125 Cmax. Reflow Flow OK	equipment,									
	OR	Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive		4.0.04				501/1	750.5		
GRM188R71H751KA01#		Automotive Consumer equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	750pF	±10%	Please use alternative.
To be discontinued	Cmax. OK Flow OK	Industrial									allemative.
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H752KA01# To be discontinued	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	7500pF	±10%	
		equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H753KA93#		Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	75000pF	±10%	
		equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H821KA01# To be discontinued	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	820pF	±10%	Please use
		equipment,									alternative.
		Industrial	l								
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H822KA01#	125 Cmax. Reflow OK Flow OK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	8200pF	±10%	
		equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
L	1	Automotive				1	1	1		1	Į

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GRM188R71H823KA93# discontinued	125 Cmax. Reflow OK Flow OK	Consumer	~	1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	82000pF	±10%	
		equipment, Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment,									
GRM188R71H912KA01#	125 / 1	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	9100pF	±10%	
	125 Cmax. Reflow OK	equipment,									
		Industrial									
		Equipment,Mobile Electronics,Medical									
		equipment [GHTF	~								
		A/B/C] except for									
		implant equipment,									
GRM188R71H913KA93#	125 Cmax. Reflow OK FlowOK	Consumer		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	91000pF	±10%	
To be discontinued		equipment,	(
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for implant equipment,									
		Automotive Consumer				0.0.10.4		05)/d-	4.5	1400/	Denstined
GRM188R7YA105KA12#	125 Cmax. Reflow OK Flow OK	equipment,		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	35Vdc	1µF	±10%	Derating1
		Industrial									
		Equipment,Mobile									
		Electronics,Medical									
		equipment [GHTF									
		A/B/C] except for									
		implant equipment, Automotive									

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