




Ceramic Capacitors(SMD)

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Production Status: In Production, Under Development

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GCD188R71E273KA01# In Production	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	27000pF	±10%	
GCD188R71E273MA01# In Production	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	27000pF	±20%	
GCD188R71E333KA01# In Production	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	33000pF	±10%	

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GCD188R71E333MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	33000pF	±20%	
GCD188R71E393KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	39000pF	±10%	
GCD188R71E393MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	39000pF	±20%	
GCD188R71E473KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	47000pF	±10%	

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GCD188R71E473MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	25Vdc	47000pF	±20%	
GCD188R71H102KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1000pF	±10%	
GCD188R71H102MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1000pF	±20%	
GCD188R71H103KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	10000pF	±10%	

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GCD188R71H103MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	10000pF	±20%	
GCD188R71H122KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1200pF	±10%	
GCD188R71H122MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1200pF	±20%	
GCD188R71H123KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	12000pF	±10%	

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GCD188R71H123MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	12000pF	±20%	
GCD188R71H152KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1500pF	±10%	
GCD188R71H152MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1500pF	±20%	
GCD188R71H153KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	15000pF	±10%	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GCD188R71H153MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	15000pF	±20%	
GCD188R71H182KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1800pF	±10%	
GCD188R71H182MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	1800pF	±20%	
GCD188R71H183KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	18000pF	±10%	

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GCD188R71H183MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	18000pF	±20%	
GCD188R71H222KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2200pF	±10%	
GCD188R71H222MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2200pF	±20%	
GCD188R71H223KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	22000pF	±10%	

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GCD188R71H272KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2700pF	±10%	
GCD188R71H272MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	2700pF	±20%	
GCD188R71H332KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3300pF	±10%	

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GCD188R71H332MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3300pF	±20%	
GCD188R71H392KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3900pF	±10%	
GCD188R71H392MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	3900pF	±20%	
GCD188R71H472KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	4700pF	±10%	

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GCD188R71H472MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	4700pF	±20%	
GCD188R71H562KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	5600pF	±10%	
GCD188R71H562MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	5600pF	±20%	
GCD188R71H682KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	6800pF	±10%	

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GCD188R71H682MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	6800pF	±20%	
GCD188R71H822KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	8200pF	±10%	
GCD188R71H822MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	50Vdc	8200pF	±20%	
GCD188R72A102KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	1000pF	±10%	

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GCD188R72A103KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	10000pF	±10%	
GCD188R72A103MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	10000pF	±20%	
GCD188R72A122KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	1200pF	±10%	

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GCD188R72A123KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	12000pF	±10%	
GCD188R72A123MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	12000pF	±20%	
GCD188R72A152KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	1500pF	±10%	

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Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GCD188R72A152MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	1500pF	±20%	
GCD188R72A153KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	15000pF	±10%	
GCD188R72A153MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	15000pF	±20%	
GCD188R72A182KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	1800pF	±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
GCD188R72A182MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	1800pF	±20%	
GCD188R72A183KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	18000pF	±10%	
GCD188R72A183MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	18000pF	±20%	
GCD188R72A222KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	2200pF	±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
GCD188R72A222MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	2200pF	±20%	
GCD188R72A223KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	22000pF	±10%	
GCD188R72A223MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	22000pF	±20%	
GCD188R72A272KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	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
GCD188R72A272MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	2700pF	±20%	
GCD188R72A332KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	3300pF	±10%	
GCD188R72A332MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	3300pF	±20%	
GCD188R72A392KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	3900pF	±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
GCD188R72A392MA01# In Production	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	3900pF	±20%	
GCD188R72A472KA01# In Production	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	4700pF	±10%	
GCD188R72A472MA01# In Production	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	4700pF	±20%	
GCD188R72A562KA01# In Production	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	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
GCD188R72A562MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	5600pF	±20%	
GCD188R72A682KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	6800pF	±10%	
GCD188R72A682MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	6800pF	±20%	
GCD188R72A822KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	8200pF	±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
GCD188R72A822MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		1.6 ±0.1mm	0.8 ±0.1mm	0.8 ±0.1mm	X7R(EIA)	100Vdc	8200pF	±20%	
GCD21BC71C474KE01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7S(EIA)	16Vdc	0.47µF	±10%	
GCD21BR71H104KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	0.1µF	±10%	
GCD21BR71H104MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	0.1µF	±20%	

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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
GCD21BR71H273KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	27000pF	±10%	
GCD21BR71H273MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	27000pF	±20%	
GCD21BR71H333KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	33000pF	±10%	
GCD21BR71H333MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	33000pF	±20%	

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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
GCD21BR71H393KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	39000pF	±10%	
GCD21BR71H393MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	39000pF	±20%	
GCD21BR71H473KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	47000pF	±10%	
GCD21BR71H473MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	47000pF	±20%	

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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
GCD21BR71H563KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	56000pF	±10%	
GCD21BR71H563MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	56000pF	±20%	
GCD21BR71H683KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	68000pF	±10%	
GCD21BR71H683MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	68000pF	±20%	

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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
GCD21BR71H823KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	82000pF	±10%	
GCD21BR71H823MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	50Vdc	82000pF	±20%	
GCD21BR72A104KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	0.1µF	±10%	
GCD21BR72A104MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	0.1µF	±20%	

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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
GCD21BR72A273KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	27000pF	±10%	
GCD21BR72A273MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	27000pF	±20%	
GCD21BR72A333KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	33000pF	±10%	
GCD21BR72A333MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	33000pF	±20%	

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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
GCD21BR72A393KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	39000pF	±10%	
GCD21BR72A393MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	39000pF	±20%	
GCD21BR72A473KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	47000pF	±10%	
GCD21BR72A473MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	47000pF	±20%	

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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
GCD21BR72A563KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	56000pF	±10%	
GCD21BR72A563MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	56000pF	±20%	
GCD21BR72A683KA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	68000pF	±10%	
GCD21BR72A683MA01# <small>In Production</small>	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	68000pF	±20%	

Attention

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

Ceramic Capacitors(SMD)

Part Number	Characteristic	Specific Applications	Appearance	Length	Width	Thickness	Temperature characteristics	Rated Voltage	Capacitance	Tolerance of capacitance	Notes
GCD21BR72A823KA01# In Production	125°C max. Deflecting crack Reflow OK	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	82000pF	±10%	
GCD21BR72A823MA01# In Production	125°C max. Deflecting crack Reflow OK	except for implant Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C]		2.0 ±0.15mm	1.25 ±0.15mm	1.25 ±0.15mm	X7R(EIA)	100Vdc	82000pF	±20%	

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