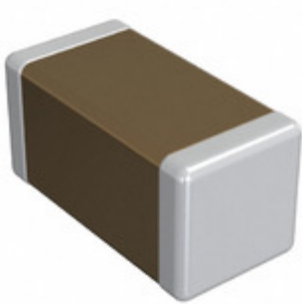


GRM188R61E225MA12D




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Part Number: [GRM188R61E225MA12D](#)

Manufacturer: [Murata Electronics](#)

Description: CAP CER 2.2UF 25V X5R 0603

Data sheet:  [Chip Monolithic Ceramic Caps Part Numbering](#)
 [GRM188R61E225MA12x Ref Sheet](#)
 [Chip Monolithic Ceramic Caps Catalog](#)

RoHs Status: Lead free / RoHS Compliant

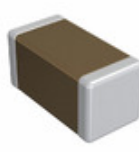
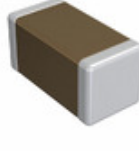
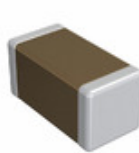
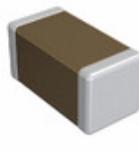
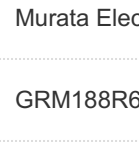
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	GRM188R61E225MA12D	Manufacturer	Murata Electronics
Description	CAP CER 2.2UF 25V X5R 0603	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2655245 pcs	Data sheet	Chip Monolithic Ceramic Caps Part Numbering GRM188R61E225MA12x Ref Sheet Chip Monolithic Ceramic Caps Catalog
Category	Capacitors	Voltage - Rated	25V
Tolerance	±20%	Thickness (Max)	0.035" (0.90mm)
Temperature Coefficient	X5R	Size / Dimension	0.063" L x 0.032" W (1.60mm x 0.80mm)
Series	GRM	Ratings	-
Packaging	Tape & Reel (TR)	Package / Case	0603 (1608 Metric)
Other Names	490-12738-2 GRM188R61E225MA12D-ND	Operating Temperature	-55°C ~ 85°C
Mounting Type	Surface Mount, MLCC	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Style	-	Lead Spacing	-
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Height - Seated (Max)	-
Features	-	Detailed Description	2.2µF ±20% 25V Ceramic Capacitor X5R 0603 (1608 Metric)
Capacitance	2.2µF	Applications	General Purpose
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	Part#: GRM188R61E684KA75D Description: CAP CER 0.68UF 25V X5R 0603	Manufacturers: Murata Electronics	RFQ
	Part#: GRM188R61E225KA12D Description: CAP CER 2.2UF 25V X5R 0603	Manufacturers: Murata Electronics	RFQ
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	Part#: GRM188R61E106MA73D Description: CAP CER 10UF 25V X5R 0603	Manufacturers: Murata Electronics	RFQ
	Part#: GRM188R61E224KA88D Description: CAP CER 0.22UF 25V X5R 0603	Manufacturers: Murata Electronics	RFQ
	Part#: GRM188R61E474KA12D Description: CAP CER 0.47UF 25V X5R 0603	Manufacturers: Murata Electronics	RFQ
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	Part#: GRM188R61E105KA12D Description: CAP CER 1UF 25V X5R 0603	Manufacturers: Murata Electronics	RFQ
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	Part#: GRM188R61E225KA12J Description: CAP CER 2.2UF 25V X5R 0603	Manufacturers: Murata Electronics	RFQ
	Part#: GRM188R61E105MA12D Description: CAP CER 1UF 25V X5R 0603	Manufacturers: Murata Electronics	RFQ
	Part#: GRM188R61E475KE11D Description: CAP CER 4.7UF 25V X5R 0603	Manufacturers: Murata Electronics	RFQ
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