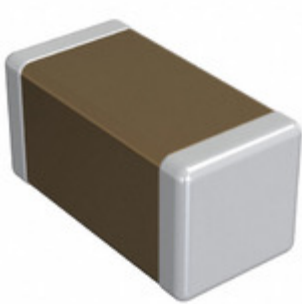



GRM188R72A223MAC4D






  
INNOVATOR IN ELECTRONICS

**Part Number:** [GRM188R72A223MAC4D](#)

**Manufacturer:** [Murata Electronics](#)

**Description:** CAP CER 0.022UF 100V X7R 0603

**Data sheet:**  [Chip Monolithic Ceramic Caps Part Numbering](#)  
 [GRM188R72A223MAC4x Ref Sheet](#)  
 [Chip Monolithic Ceramic Caps Catalog](#)

**RoHs Status:** Lead free / RoHS Compliant

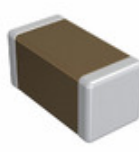
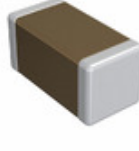










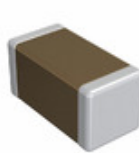
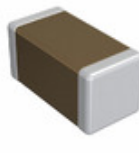





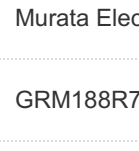
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy GRM188R72A223MAC4D with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                            |                                |                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GRM188R72A223MAC4D                                         | Manufacturer                   | <a href="#">Murata Electronics</a>                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 0.022UF 100V X7R 0603                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4112936 pcs                                                | Data sheet                     | <a href="#">Chip Monolithic Ceramic Caps Part Numbering</a><br><a href="#">GRM188R72A223MAC4x Ref Sheet</a><br><a href="#">Chip Monolithic Ceramic Caps Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>                                 | Voltage - Rated                | 100V                                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±20%                                                       | Thickness (Max)                | 0.035" (0.90mm)                                                                                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                | X7R                                                        | 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)                                                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -55°C ~ 125°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                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.022µF ±20% 100V Ceramic Capacitor X7R 0603 (1608 Metric) | Capacitance                    | 0.022µF                                                                                                                                                             |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                           | General Purpose                                            |                                |                                                                                                                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Murata Electronics series electronic components. We have 4112936 pieces of Murata Electronics GRM188R72A223MAC4D in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                            |                                |                                                                                                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                                 |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">GRM188R72A221KA01J</a><br>Description: CAP CER 220PF 100V X7R 0603   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A223KAC4D</a><br>Description: CAP CER 0.022UF 100V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A391KA01D</a><br>Description: CAP CER 390PF 100V X7R 0603   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A271KA01D</a><br>Description: CAP CER 270PF 100V X7R 0603   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A331MA01D</a><br>Description: CAP CER 330PF 100V X7R 0603   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A332KA01D</a><br>Description: CAP CER 3300PF 100V X7R 0603  | Manufacturers: <a href="#">Murata Electronics North America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A332KA01J</a><br>Description: CAP CER 3300PF 100V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A392KA01D</a><br>Description: CAP CER 3900PF 100V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A331KA01J</a><br>Description: CAP CER 330PF 100V X7R 0603   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A182KA01D</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A471KA01D</a><br>Description: CAP CER 470PF 100V X7R 0603   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A222KA01J</a><br>Description: CAP CER 2200PF 100V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A153MAC4D</a><br>Description: CAP CER 0.015UF 100V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A332MA01D</a><br>Description: CAP CER 3300PF 100V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A222MA01D</a><br>Description: CAP CER 2200PF 100V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A221MA01D</a><br>Description: CAP CER 220PF 100V X7R 0603   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A223KAC4J</a><br>Description: CAP CER 0.022UF 100V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A222KA01D</a><br>Description: CAP CER 2200PF 100V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A221KA01D</a><br>Description: CAP CER 220PF 100V X7R 0603   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R72A331KA01D</a><br>Description: CAP CER 330PF 100V X7R 0603   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |

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|                                         |                                | GRM188R72A223MAC4D               |                                  |