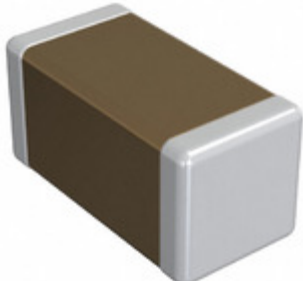


GRM188R71C224KA01J



  
INNOVATOR IN ELECTRONICS

**Part Number:** [GRM188R71C224KA01J](#)

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

**Description:** CAP CER 0.22UF 16V X7R 0603

**Data sheet:**  [GRM188R71C224KA01 Ref Sheet](#)  
 [Specifications and Test Methods 3p](#)  
 [Chip Monolithic Ceramic Caps Part Numbering](#)  
 [Chip Monolithic Ceramic Caps Catalog](#)

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

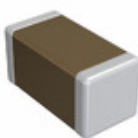
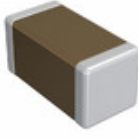
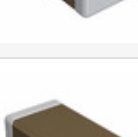
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GRM188R71C224KA01J                   | Manufacturer                     | <a href="#">Murata Electronics</a>                                                                                                                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 0.22UF 16V X7R 0603          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2315707 pcs                          | Data sheet                       | <a href="#">GRM188R71C224KA01 Ref Sheet</a><br><a href="#">Specifications and Test Methods 3p</a><br><a href="#">Chip Monolithic Ceramic Caps Part Numbering</a><br><a href="#">Chip Monolithic Ceramic Caps Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>           | Voltage - Rated                  | 16V                                                                                                                                                                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±10%                                 | 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)                                                                                                                                                                                                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 490-11513-2<br>GRM188R71C224KA01J-ND | 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             | 0.22μF ±10% 16V Ceramic Capacitor X7R 0603 (1608 Metric)                                                                                                                                                                 |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.22μF                               | 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 2315707 pieces of Murata Electronics GRM188R71C224KA01J 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="#">GRM188R71C274KA01D</a><br>Description: CAP CER 0.27UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C333KA01J</a><br>Description: CAP CER 0.033UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C334KA01J</a><br>Description: CAP CER 0.33UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C223MA01D</a><br>Description: CAP CER 0.022UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C223KA01J</a><br>Description: CAP CER 0.022UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C183KA01D</a><br>Description: CAP CER 0.018UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C154KA01J</a><br>Description: CAP CER 0.15UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C223KA01D</a><br>Description: CAP CER 0.022UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C394KA88D</a><br>Description: CAP CER 0.39UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C333KA01D</a><br>Description: CAP CER 0.033UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C334KA01D</a><br>Description: CAP CER 0.33UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C333JA01D</a><br>Description: CAP CER 0.033UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C222KA01D</a><br>Description: CAP CER 2200PF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C154KA01D</a><br>Description: CAP CER 0.15UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C184KA01D</a><br>Description: CAP CER 0.18UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C224KA01D</a><br>Description: CAP CER 0.22UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C393KA01D</a><br>Description: CAP CER 0.039UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C393KA01J</a><br>Description: CAP CER 0.039UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C273KA01D</a><br>Description: CAP CER 0.027UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM188R71C153KA01D</a><br>Description: CAP CER 0.015UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |

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| GRM188R71C224KA01J                      |                                |                                  |                                  |