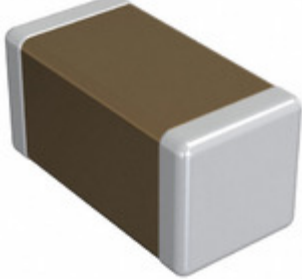


GRM188R71C183KA01D



  
INNOVATOR IN ELECTRONICS

**Part Number:** [GRM188R71C183KA01D](#)

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

**Description:** CAP CER 0.018UF 16V X7R 0603

**Data sheet:**  [Specifications and Test Methods 3p](#)  
 [Chip Monolithic Ceramic Caps Part Numbering](#)  
 [GRM188R71C183KA01 Ref Sheet](#)  
 [Chip Monolithic Ceramic Caps Catalog](#)

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

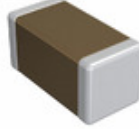
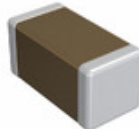
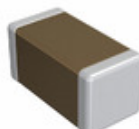
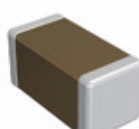
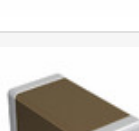
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |                                  |                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GRM188R71C183KA01D                                        | Manufacturer                     | <a href="#">Murata Electronics</a>                                                                                                                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CAP CER 0.018UF 16V X7R 0603                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 455465 pcs                                                | Data sheet                       | <a href="#">Specifications and Test Methods 3p</a><br><a href="#">Chip Monolithic Ceramic Caps Part Numbering</a><br><a href="#">GRM188R71C183KA01 Ref Sheet</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                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Original-Reel®                                            | Package / Case                   | 0603 (1608 Metric)                                                                                                                                                                                                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 490-14810-6                                               | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                         | Failure Rate                     | -                                                                                                                                                                                                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.018µF ±10% 16V Ceramic Capacitor X7R 0603 (1608 Metric) | Capacitance                      | 0.018µF                                                                                                                                                                                                                  |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                          | General Purpose                                           |                                  |                                                                                                                                                                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                   |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------|----------------|
|  | Part#: <a href="#">GRM188R71C105MA12J</a><br>Description: CAP CER 1UF 16V X7R 0603     | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C154KA01J</a><br>Description: CAP CER 0.15UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C123KA01D</a><br>Description: CAP CER 0.012UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C105KE15J</a><br>Description: CAP CER 1UF 16V X7R 0603     | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C224KA01D</a><br>Description: CAP CER 0.22UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C273KA01D</a><br>Description: CAP CER 0.027UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C153KA01D</a><br>Description: CAP CER 0.015UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C105ME15D</a><br>Description: CAP CER 1UF 16V X7R 0603     | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C154KA01D</a><br>Description: CAP CER 0.15UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C224KA01J</a><br>Description: CAP CER 0.22UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C184KA01D</a><br>Description: CAP CER 0.18UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C333JA01D</a><br>Description: CAP CER 0.033UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C274KA01D</a><br>Description: CAP CER 0.27UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C223KA01D</a><br>Description: CAP CER 0.022UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C223MA01D</a><br>Description: CAP CER 0.022UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C105KE15D</a><br>Description: CAP CER 1UF 16V X7R 0603     | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C222KA01D</a><br>Description: CAP CER 2200PF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C223KA01J</a><br>Description: CAP CER 0.022UF 16V X7R 0603 | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C105MA12D</a><br>Description: CAP CER 1UF 16V X7R 0603     | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM188R71C124KA01D</a><br>Description: CAP CER 0.12UF 16V X7R 0603  | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |

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