

GRM0225C1E6R0BA03L



  
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**Part Number:** [GRM0225C1E6R0BA03L](#)

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

**Description:** CAP CER 6PF 25V C0G/NP0 01005

**Data sheet:**  [GRM0225C1E6R0BA03x Ref Sheet](#)  
 [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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GRM0225C1E6R0BA03L            | Manufacturer                     | <a href="#">Murata Electronics</a>                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 6PF 25V C0G/NP0 01005 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3526920 pcs                   | Data sheet                       | <a href="#">GRM0225C1E6R0BA03x Ref Sheet</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                  | 25V                                                                                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±0.1pF                        | Thickness (Max)                  | 0.009" (0.22mm)                                                                                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                | C0G, NP0                      | Size / Dimension                 | 0.016" L x 0.008" W (0.40mm x 0.20mm)                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GRM                           | Ratings                          | -                                                                                                                                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cut Tape (CT)                 | Package / Case                   | 01005 (0402 Metric)                                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 490-13633-1                   | 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             | 6pF ±0.1pF 25V Ceramic Capacitor C0G, NP0 01005 (0402 Metric)                                                                                                       |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6pF                           | Applications                     | General Purpose                                                                                                                                                     |
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