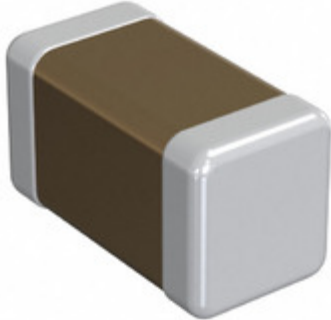


GRM0225C1E6R9BA03L





INNOVATOR IN ELECTRONICS

**Part Number:** [GRM0225C1E6R9BA03L](#)

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

**Description:** CAP CER 6.9PF 25V C0G/NP0 01005

**Data sheet:**  [Chip Monolithic Ceramic Caps Part Numbering](#)  
 [GRM0225C1E6R9BA03x Ref Sheet](#)  
 [Chip Monolithic Ceramic Caps Catalog](#)

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

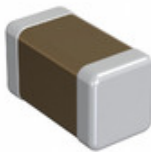
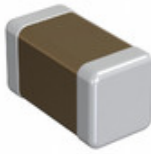
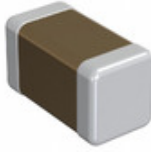
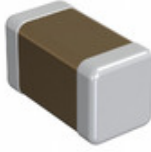
**Ship From:** Hong Kong

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

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                  |                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GRM0225C1E6R9BA03L              | Manufacturer                     | <a href="#">Murata Electronics</a>                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 6.9PF 25V C0G/NP0 01005 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5189397 pcs                     | Data sheet                       | <a href="#">Chip Monolithic Ceramic Caps Part Numbering</a><br><a href="#">GRM0225C1E6R9BA03x Ref Sheet</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                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                | Package / Case                   | 01005 (0402 Metric)                                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 490-13669-2                     | 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             | 6.9pF ±0.1pF 25V Ceramic Capacitor C0G, NP0 01005 (0402 Metric)                                                                                                     |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6.9pF                           | Applications                     | General Purpose                                                                                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                                 |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|
|  | Part#: <a href="#">GRM0225C1E6R8DA03L</a><br>Description: CAP CER 6.8PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R8DDAEL</a><br>Description: CAP CER 6.8PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R7WDAEL</a><br>Description: CAP CER 6.7PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R9DDAEL</a><br>Description: CAP CER 6.9PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R9CDAEL</a><br>Description: CAP CER 6.9PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E7R0BDAEL</a><br>Description: CAP CER 7PF 25V C0G/NP0 01005   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R9WA03L</a><br>Description: CAP CER 6.9PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R9CA03L</a><br>Description: CAP CER 6.9PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R8WDAEL</a><br>Description: CAP CER 6.8PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R8BDAEL</a><br>Description: CAP CER 6.8PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
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|  | Part#: <a href="#">GRM0225C1E7R0CA03L</a><br>Description: CAP CER 7PF 25V C0G/NP0 01005   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R8BA03L</a><br>Description: CAP CER 6.8PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R9DA03L</a><br>Description: CAP CER 6.9PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM0225C1E6R8CA03L</a><br>Description: CAP CER 6.8PF 25V C0G/NP0 01005 | Manufacturers: <a href="#">Murata Electronics North America</a> | <div>RFQ</div> |
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