

GRM0225C1E1R5CA03L



  
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**Part Number:** [GRM0225C1E1R5CA03L](#)

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

**Description:** CAP CER 1.5PF 25V C0G/NP0 01005

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

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

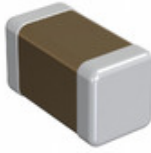
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                 |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GRM0225C1E1R5CA03L              | Manufacturer                    | <a href="#">Murata Electronics North America</a>                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 1.5PF 25V C0G/NP0 01005 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5068527 pcs                     | Data sheet                      | <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                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.5pF                           | Thickness (Max)                 | C0G, NP0                                                                                                            |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                               | Size / Dimension                | 0.016" L x 0.008" W (0.40mm x 0.20mm)                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GRM                             | RoHS Status                     | Tape & Reel (TR)                                                                                                    |
| Ripple Current - Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                         | General Purpose                 | Ratings                         | -                                                                                                                   |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 01005 (0402 Metric)             | Other Names                     | 490-13488-2                                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -55°C ~ 125°C                   | Mounting Type                   | Surface Mount, MLCC                                                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                   | Manufacturer Standard Lead Time | 15 Weeks                                                                                                            |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | GRM0225C1E1R5CA03L              | Lead Style                      | 0.009" (0.22mm)                                                                                                     |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                               | Features                        | -                                                                                                                   |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                               | Expanded Description            | 1.5pF ±0.25pF 25V Ceramic Capacitor C0G, NP0 01005 (0402 Metric)                                                    |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±0.25pF                         | Description                     | CAP CER 1.5PF 25V C0G/NP0 01005                                                                                     |
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