

GRM033C80J823ME15D



  
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**Part Number:** [GRM033C80J823ME15D](#)

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

**Description:** CAP CER 0.082UF 6.3V X6S 0201

**Data 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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GRM033C80J823ME15D            | Manufacturer                    | <a href="#">Murata Electronics North America</a>                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 0.082UF 6.3V X6S 0201 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4892282 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                 | 6.3V                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.082µF                       | Thickness (Max)                 | X6S                                                                                                                 |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                             | Size / Dimension                | 0.024" L x 0.012" W (0.60mm x 0.30mm)                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GRM                           | RoHS Status                     | Tape & Reel (TR)                                                                                                    |
| Ripple Current - Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                         | General Purpose               | Ratings                         | -                                                                                                                   |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0201 (0603 Metric)            | Other Names                     | 490-10401-2                                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -55°C ~ 105°C                 | Mounting Type                   | Surface Mount, MLCC                                                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                 | Manufacturer Standard Lead Time | 15 Weeks                                                                                                            |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | GRM033C80J823ME15D            | Lead Style                      | 0.013" (0.33mm)                                                                                                     |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                             | Features                        | Derating Recommended                                                                                                |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                             | Expanded Description            | 0.082µF ±20% 6.3V Ceramic Capacitor X6S 0201 (0603 Metric)                                                          |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±20%                          | Description                     | CAP CER 0.082UF 6.3V X6S 0201                                                                                       |
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