

GRM1555C1H681JA01J



**Part Number:** [GRM1555C1H681JA01J](#)

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

**Description:** CAP CER 680PF 50V NP0 0402

**Data sheet:**  [GRM1555C1H681JA01 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.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                             |                                |                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GRM1555C1H681JA01J                                          | Manufacturer                   | <a href="#">Murata Electronics</a>                                                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 680PF 50V NP0 0402                                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5162893 pcs                                                 | Data sheet                     | <a href="#">GRM1555C1H681JA01 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                | 50V                                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±5%                                                         | Thickness (Max)                | 0.022" (0.55mm)                                                                                                                                                    |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                | C0G, NP0                                                    | Size / Dimension               | 0.039" L x 0.020" W (1.00mm x 0.50mm)                                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GRM                                                         | Ratings                        | -                                                                                                                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                                            | Package / Case                 | 0402 (1005 Metric)                                                                                                                                                 |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 680pF ±5% 50V Ceramic Capacitor C0G, NP0 0402 (1005 Metric) | Capacitance                    | 680pF                                                                                                                                                              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                           | General Purpose                                             |                                |                                                                                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                                 |                |
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|  | Part#: <a href="#">GRM1555C1H6R0BZ01D</a><br>Description: CAP CER 6PF 50V C0G/NP0 0402   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
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