

GCM1555C1H181FA16D



  
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**Part Number:** [GCM1555C1H181FA16D](#)

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

**Description:** CAP CER 180PF 50V C0G/NP0 0402

**Data sheet:**  [Chip Monolithic Cap. Part Numbering](#)  
 [GCM1555C1H181FA16x Ref Sheet](#)

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

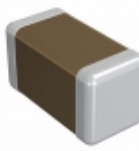
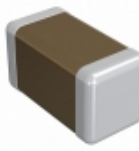
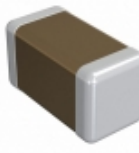
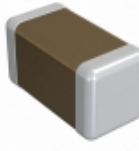
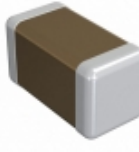
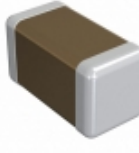
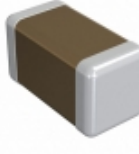
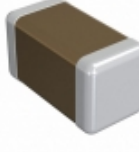
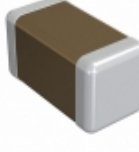
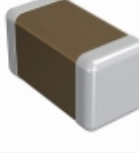
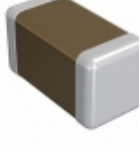
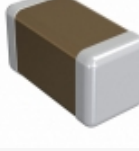
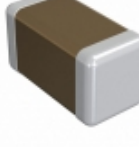
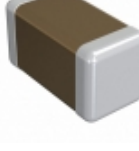
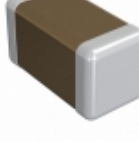
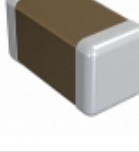
**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                             |                                  |                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GCM1555C1H181FA16D                                          | Manufacturer                     | <a href="#">Murata Electronics</a>                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 180PF 50V C0G/NP0 0402                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2703793 pcs                                                 | Data sheet                       | <a href="#">Chip Monolithic Cap. Part Numbering</a><br><a href="#">GCM1555C1H181FA16x Ref Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>                                  | Voltage - Rated                  | 50V                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±1%                                                         | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GCM                                                         | Ratings                          | AEC-Q200                                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Original-Reel®                                              | Package / Case                   | 0402 (1005 Metric)                                                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 490-16455-6                                                 | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                           | Failure Rate                     | -                                                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 180pF ±1% 50V Ceramic Capacitor C0G, NP0 0402 (1005 Metric) | Capacitance                      | 180pF                                                                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Automotive                                                  |                                  |                                                                                                     |
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|  | Part#: <a href="#">GCM1555C1H1R1CA16D</a><br>Description: CAP CER 1.1PF 50V NP0 0402     | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">GCM1555C1H161JA16D</a><br>Description: CAP CER 160PF 50V NP0 0402     | Manufacturers: <a href="#">Murata Electronics</a> | <div>RFQ</div> |
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