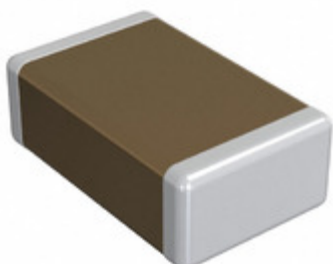


GCM2165C1H102FA16D



  
INNOVATOR IN ELECTRONICS

**Part Number:** [GCM2165C1H102FA16D](#)

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

**Description:** CAP CER 1000PF 50V C0G/NP0 0805

**Data sheet:**  [GCM2165C1H102FA16x Ref Sheet](#)  
 [Chip Monolithic Cap. Part Numbering](#)

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

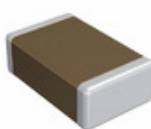
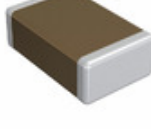
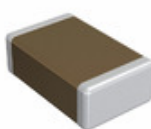
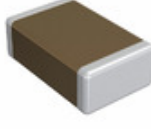
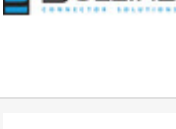
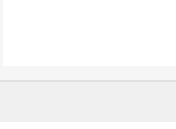
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                              |                                  |                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GCM2165C1H102FA16D                                           | Manufacturer                     | <a href="#">Murata Electronics</a>                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 1000PF 50V C0G/NP0 0805                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1077360 pcs                                                  | Data sheet                       | <a href="#">GCM2165C1H102FA16x Ref Sheet</a><br><a href="#">Chip Monolithic Cap. Part Numbering</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>                                   | Voltage - Rated                  | 50V                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±1%                                                          | Thickness (Max)                  | 0.028" (0.70mm)                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                | C0G, NP0                                                     | Size / Dimension                 | 0.079" L x 0.049" W (2.00mm x 1.25mm)                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GCM                                                          | Ratings                          | AEC-Q200                                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                                             | Package / Case                   | 0805 (2012 Metric)                                                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 490-16396-2                                                  | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                            | Failure Rate                     | -                                                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1000pF ±1% 50V Ceramic Capacitor C0G, NP0 0805 (2012 Metric) | Capacitance                      | 1000pF                                                                                              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Automotive                                                   |                                  |                                                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Murata Electronics series electronic components. We have 1077360 pieces of Murata Electronics GCM2165C1H102FA16D in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                              |                                  |                                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                            |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">GCM2165C1H122JA16D</a><br>Description: CAP CER 1200PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM18DTMN-S189</a><br>Description: CONN EDGE DUAL FEMALE 36POS 0.156   | Manufacturers: <a href="#">Sullins Connector Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GCM18DTMH-S189</a><br>Description: CONN EDGE DUAL FEMALE 36POS 0.156   | Manufacturers: <a href="#">Sullins Connector Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GCM18DTMN</a><br>Description: CONN EDGE DUAL FEMALE 36POS 0.156        | Manufacturers: <a href="#">Sullins Connector Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GCM18DTMS</a><br>Description: CONN EDGE DUAL FEMALE 36POS 0.156        | Manufacturers: <a href="#">Sullins Connector Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GCM18DTMS-S189</a><br>Description: CONN EDGE DUAL FEMALE 36POS 0.156   | Manufacturers: <a href="#">Sullins Connector Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GCM2165C1H101JA16D</a><br>Description: CAP CER 100PF 50V C0G/NP0 0805  | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM2165C1H112JA16D</a><br>Description: CAP CER 1100PF 50V NP0 0805     | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM18DTMT-S189</a><br>Description: CONN EDGE DUAL FEMALE 36POS 0.156   | Manufacturers: <a href="#">Sullins Connector Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GCM2165C1H162JA16D</a><br>Description: CAP CER 1600PF 50V NP0 0805     | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM2165C1H152JA16D</a><br>Description: CAP CER 1500PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM2165C1H151JA16D</a><br>Description: CAP CER 150PF 50V C0G/NP0 0805  | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM2165C1H182JA16D</a><br>Description: CAP CER 1800PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM2165C1H181JA16D</a><br>Description: CAP CER 180PF 50V C0G/NP0 0805  | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM2165C1H132JA16D</a><br>Description: CAP CER 1300PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM2165C1H121JA16D</a><br>Description: CAP CER 120PF 50V C0G/NP0 0805  | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM18DTMT</a><br>Description: CONN EDGE DUAL FEMALE 36POS 0.156        | Manufacturers: <a href="#">Sullins Connector Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GCM2165C1H102JA16D</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Murata Electronics</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">GCM18DTMI</a><br>Description: CONN EDGE DUAL FEMALE 36POS 0.156        | Manufacturers: <a href="#">Sullins Connector Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GCM18DTMI-S189</a><br>Description: CONN EDGE DUAL FEMALE 36POS 0.156   | Manufacturers: <a href="#">Sullins Connector Solutions</a> | <div>RFQ</div> |

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