

GRM155C81A105KA12J



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**Part Number:** [GRM155C81A105KA12J](#)

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

**Description:** CAP CER 1UF 10V X6S 0402

**Data sheet:**  [Chip Monolithic Ceramic Caps Part Numbering](#)  
 [GRM155C81A105KA12x Ref Sheet](#)  
 [Chip Monolithic Ceramic Caps Catalog](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GRM155C81A105KA12J                                    | Manufacturer                   | <a href="#">Murata Electronics</a>                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 1UF 10V X6S 0402                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2695934 pcs                                           | Data sheet                     | <a href="#">Chip Monolithic Ceramic Caps Part Numbering</a><br><a href="#">GRM155C81A105KA12x Ref Sheet</a><br><a href="#">Chip Monolithic Ceramic Caps Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>                            | Voltage - Rated                | 10V                                                                                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±10%                                                  | Thickness (Max)                | 0.022" (0.55mm)                                                                                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                | X6S                                                   | 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 ~ 105°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                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1µF ±10% 10V Ceramic Capacitor X6S 0402 (1005 Metric) | Capacitance                    | 1µF                                                                                                                                                                 |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                           | General Purpose                                       |                                |                                                                                                                                                                     |
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|  | Part#: <a href="#">GRM155C80J684ME15D</a><br>Description: CAP CER 0.68UF 6.3V X6S 0402 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155C81C225KE11D</a><br>Description: CAP CER 2.2UF 16V X6S 0402   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155C81A105KA12D</a><br>Description: CAP CER 1UF 10V X6S 0402     | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155C80J824KE15D</a><br>Description: CAP CER 0.82UF 6.3V X6S 0402 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">GRM155C80J474KE19D</a><br>Description: CAP CER 0.47UF 6.3V X6S 0402 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155C81A105MA12J</a><br>Description: CAP CER 1UF 10V X6S 0402     | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">GRM155C81A225KE44D</a><br>Description: CAP CER 2.2UF 10V X6S 0402   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">GRM155C80J475MEAAD</a><br>Description: CAP CER 4.7UF 6.3V X6S 0402  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">GRM155C80J564KE15D</a><br>Description: CAP CER 0.56UF 6.3V X6S 0402 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155C80J564ME15D</a><br>Description: CAP CER 0.56UF 6.3V X6S 0402 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155C81C105ME11D</a><br>Description: CAP CER 1UF 16V X6S 0402     | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155C81A105MA12D</a><br>Description: CAP CER 1UF 10V X6S 0402     | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
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