

GRM155R71H681JA01D



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**Part Number:** [GRM155R71H681JA01D](#)

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

**Description:** CAP CER 680PF 50V X7R 0402

**Data sheet:**  [GRM155R71H681JA01 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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                        |                                |                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GRM155R71H681JA01D                                     | Manufacturer                   | <a href="#">Murata Electronics</a>                                                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 680PF 50V X7R 0402                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6625910 pcs                                            | Data sheet                     | <a href="#">GRM155R71H681JA01 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                                                                                                                                                                                                                                                                                                                                                                                                                                                | X7R                                                    | 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 X7R 0402 (1005 Metric) | Capacitance                    | 680pF                                                                                                                                                              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                           | General Purpose                                        |                                |                                                                                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                                 |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">GRM155R71H683ME14J</a><br>Description: CAP CER 0.068UF 50V X7R 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H683ME14D</a><br>Description: CAP CER 0.068UF 50V X7R 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H472KA01D</a><br>Description: CAP CER 4700PF 50V X7R 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H562KA88D</a><br>Description: CAP CER 5600PF 50V X7R 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H562JA88D</a><br>Description: CAP CER 5600PF 50V X7R 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H682JA88D</a><br>Description: CAP CER 6800PF 50V X7R 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H473KE14J</a><br>Description: CAP CER 0.047UF 50V X7R 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H472KA01J</a><br>Description: CAP CER 4700PF 50V X7R 0402  | Manufacturers: <a href="#">Murata Electronics North America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H682KA88J</a><br>Description: CAP CER 6800PF 50V X7R 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H473KE14D</a><br>Description: CAP CER 0.047UF 50V X7R 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H681KA01J</a><br>Description: CAP CER 680PF 50V X7R 0402   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H473ME14D</a><br>Description: CAP CER 0.047UF 50V X7R 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H821JA01D</a><br>Description: CAP CER 820PF 50V X7R 0402   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H563KE14D</a><br>Description: CAP CER 0.056UF 50V X7R 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H682KA88D</a><br>Description: CAP CER 6800PF 50V X7R 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H681KA01D</a><br>Description: CAP CER 680PF 50V X7R 0402   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H683KE14J</a><br>Description: CAP CER 0.068UF 50V X7R 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H561KA01D</a><br>Description: CAP CER 560PF 50V X7R 0402   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H683KE14D</a><br>Description: CAP CER 0.068UF 50V X7R 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM155R71H562KA88J</a><br>Description: CAP CER 5600PF 50V X7R 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |

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