

GRT155C80J225ME01D



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**Part Number:** [GRT155C80J225ME01D](#)

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

**Description:** CAP CER 2.2UF 6.3V X6S 0402

**Data sheet:**  [GRT155C80J225ME01x Ref Sheet](#)

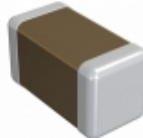
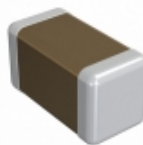
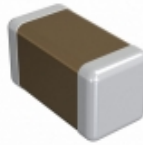
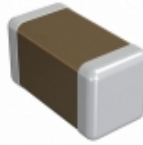
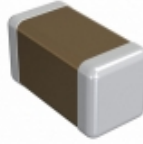
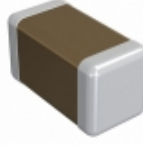
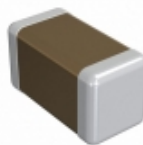
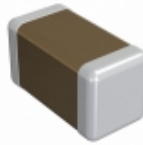
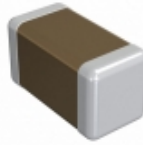
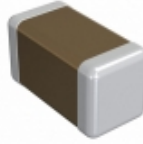
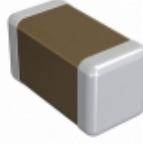
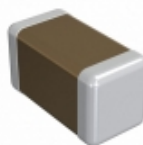
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             |                                  |                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------|----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GRT155C80J225ME01D          | Manufacturer                     | <a href="#">Murata Electronics</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 2.2UF 6.3V X6S 0402 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1818079 pcs                 | Data sheet                       | <a href="#">GRT155C80J225ME01x Ref Sheet</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>  | Voltage - Rated                  | 6.3V                                                     |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±20%                        | Thickness (Max)                  | 0.022" (0.55mm)                                          |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                | X6S                         | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GRT                         | Ratings                          | AEC-Q200                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cut Tape (CT)               | Package / Case                   | 0402 (1005 Metric)                                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 490-12236-1                 | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Derating Recommended        | Detailed Description             | 2.2µF ±20% 6.3V Ceramic Capacitor X6S 0402 (1005 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.2µF                       | Applications                     | Automotive                                               |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                 |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">GRT155C81A105ME01D</a><br>Description: CAP CER 1UF 10V X6S 0402    | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C81C474KE01D</a><br>Description: CAP CER 0.47UF 16V X6S 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT1-TBR</a><br>Description: COMMUNICATIONS MODULE                 | Manufacturers: <a href="#">Omron Automation &amp; Safety</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C80J105ME01D</a><br>Description: CAP CER 1UF 6.3V X6S 0402   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C81A225KE13D</a><br>Description: CAP CER 2.2UF 10V X6S 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C81E224ME01D</a><br>Description: CAP CER 0.22UF 25V X6S 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C81C225ME13D</a><br>Description: CAP CER 2.2UF 16V X6S 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT1-TS2T</a><br>Description: INPUT MODULE 2 ANALOG 24V            | Manufacturers: <a href="#">Omron Automation &amp; Safety</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C71A225KE13D</a><br>Description: CAP CER 2.2UF 10V X7S 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT1-TBL</a><br>Description: COMMUNICATIONS MODULE                 | Manufacturers: <a href="#">Omron Automation &amp; Safety</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C81E224KE01D</a><br>Description: CAP CER 0.22UF 25V X6S 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT1-TS2P</a><br>Description: INPUT MODULE 2 ANALOG 24V            | Manufacturers: <a href="#">Omron Automation &amp; Safety</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C80J225KE01D</a><br>Description: CAP CER 2.2UF 6.3V X6S 0402 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C81A105KE01D</a><br>Description: CAP CER 1UF 10V X6S 0402    | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C81A225ME13D</a><br>Description: CAP CER 2.2UF 10V X6S 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C81C225KE13D</a><br>Description: CAP CER 2.2UF 16V X6S 0402  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT1-TS2PK</a><br>Description: INPUT MODULE 2 ANALOG 24V           | Manufacturers: <a href="#">Omron Automation &amp; Safety</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C81C474ME01D</a><br>Description: CAP CER 0.47UF 16V X6S 0402 | Manufacturers: <a href="#">Murata Electronics North America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT155C80J105KE01D</a><br>Description: CAP CER 1UF 6.3V X6S 0402   | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRT1-ROS2</a><br>Description: OUTPUT MODULE 2 RELAY 24V            | Manufacturers: <a href="#">Omron Automation &amp; Safety</a>    | <a href="#">RFQ</a> |

Related keywords for GRT155C80J225ME01D

|                                       |                                |                                  |                                  |
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