

GRM033R61E682MA12J



  
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**Part Number:** [GRM033R61E682MA12J](#)

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

**Description:** CAP CER 6800PF 25V X5R 0201

**Data sheet:**  [Chip Monolithic Ceramic Caps Part Numbering](#)  
 [GRM033R61E682MA12x Ref Sheet](#)  
 [Chip Monolithic Ceramic Caps Catalog](#)

**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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          |                                |                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | GRM033R61E682MA12J                                       | Manufacturer                   | <a href="#">Murata Electronics</a>                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 6800PF 25V X5R 0201                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11273405 pcs                                             | Data sheet                     | <a href="#">Chip Monolithic Ceramic Caps Part Numbering</a><br><a href="#">GRM033R61E682MA12x Ref Sheet</a><br><a href="#">Chip Monolithic Ceramic Caps Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                               | Voltage - Rated                | 25V                                                                                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±20%                                                     | Thickness (Max)                | 0.013" (0.33mm)                                                                                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                 | X5R                                                      | Size / Dimension               | 0.024" L x 0.012" W (0.60mm x 0.30mm)                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GRM                                                      | Ratings                        | -                                                                                                                                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                         | Package / Case                 | 0201 (0603 Metric)                                                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -55°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6800pF ±20% 25V Ceramic Capacitor X5R 0201 (0603 Metric) | Capacitance                    | 6800pF                                                                                                                                                              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                            | General Purpose                                          |                                |                                                                                                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                                 |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|
|  | Part#: <a href="#">GRM033R70J122KA01D</a><br>Description: CAP CER 1200PF 6.3V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R6YA104ME14E</a><br>Description: CAP CER 0.1UF 35V X5R 0201    | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E822MA12D</a><br>Description: CAP CER 8200PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E472MA12J</a><br>Description: CAP CER 4700PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E472MA12D</a><br>Description: CAP CER 4700PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E682KA12D</a><br>Description: CAP CER 6800PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E682KA12E</a><br>Description: CAP CER 6800PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E562MA12D</a><br>Description: CAP CER 5600PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E681KA01E</a><br>Description: CAP CER 680PF 25V X5R 0201    | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E822KA12D</a><br>Description: CAP CER 8200PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R70J103KA01J</a><br>Description: CAP CER 10000PF 6.3V X7R 0201 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R6YA104KE14E</a><br>Description: CAP CER 0.1UF 35V X5R 0201    | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E562KA12D</a><br>Description: CAP CER 5600PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R70J103KA01D</a><br>Description: CAP CER 10000PF 6.3V X7R 0201 | Manufacturers: <a href="#">Murata Electronics North America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E472KA12J</a><br>Description: CAP CER 4700PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E682MA12D</a><br>Description: CAP CER 6800PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R6YA104ME14D</a><br>Description: CAP CER 0.1UF 35V X5R 0201    | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R70J103KA01E</a><br>Description: CAP CER 10000PF 6.3V X7R 0201 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R6YA104KE14D</a><br>Description: CAP CER 0.1UF 35V X5R 0201    | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM033R61E682KA12J</a><br>Description: CAP CER 6800PF 25V X5R 0201   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |

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|------------------------------------------------|--------------------------------|----------------------------------|----------------------------------|
| Related keywords for <b>GRM033R61E682MA12J</b> |                                |                                  |                                  |
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| GRM033R61E682MA12J                             |                                |                                  |                                  |