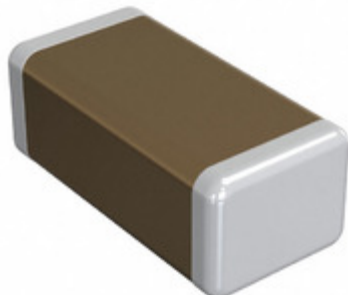


GRM31MR61C105KA01L



  
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**Part Number:** [GRM31MR61C105KA01L](#)

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

**Description:** CAP CER 1UF 16V X5R 1206

**Data sheet:**  [Chip Monolithic Ceramic Caps Part Numbering](#)  
 [GRM31MR61C105KA01 Ref Sheet](#)  
 [Chip Monolithic Ceramic Caps Catalog](#)

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

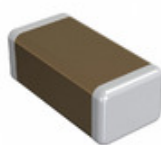
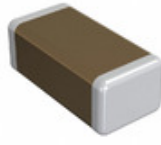
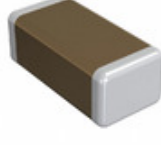
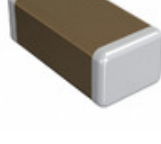
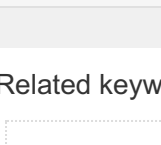
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |                                  |                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GRM31MR61C105KA01L         | Manufacturer                     | <a href="#">Murata Electronics</a>                                                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CAP CER 1UF 16V X5R 1206   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 715051 pcs                 | Data sheet                       | <a href="#">Chip Monolithic Ceramic Caps Part Numbering</a><br><a href="#">GRM31MR61C105KA01 Ref Sheet</a><br><a href="#">Chip Monolithic Ceramic Caps Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Capacitors</a> | Voltage - Rated                  | 16V                                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±10%                       | Thickness (Max)                  | 0.049" (1.25mm)                                                                                                                                                    |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                               | X5R                        | Size / Dimension                 | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                | GRM                        | Ratings                          | -                                                                                                                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Original-Reel®             | Package / Case                   | 1206 (3216 Metric)                                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 490-1810-6                 | 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             | 1µF ±10% 16V Ceramic Capacitor X5R 1206 (3216 Metric)                                                                                                              |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1µF                        | Applications                     | General Purpose                                                                                                                                                    |
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|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------|---------------------|
|  | Part#: <a href="#">GRM31MR61C225MA35L</a><br>Description: CAP CER 2.2UF 16V X5R 1206    | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MF51H474ZA01L</a><br>Description: CAP CER 0.47UF 50V Y5V 1206   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR61C685KA12L</a><br>Description: CAP CER 6.8UF 16V X5R 1206    | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR61C225KA35L</a><br>Description: CAP CER 2.2UF 16V X5R 1206    | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR61A106ME19L</a><br>Description: CAP CER 10UF 10V X5R 1206     | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MF51C475ZA12L</a><br>Description: CAP CER 4.7UF 16V Y5V 1206    | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MF51E105ZA01L</a><br>Description: CAP CER 1UF 25V Y5V 1206      | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MF52A473ZD01L</a><br>Description: CAP CER 0.047UF 100V Y5V 1206 | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR71A225MA01L</a><br>Description: CAP CER 2.2UF 10V X7R 1206    | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR61C684KA01L</a><br>Description: CAP CER 0.68UF 16V X5R 1206   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR61C564KA01L</a><br>Description: CAP CER 0.56UF 16V X5R 1206   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR61A106KE19K</a><br>Description: CAP CER 10UF 10V X5R 1206     | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR60J106KE19L</a><br>Description: CAP CER 10UF 6.3V X5R 1206    | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR61E106MA12L</a><br>Description: CAP CER 10UF 25V X5R 1206     | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR71A225KA01K</a><br>Description: CAP CER 2.2UF 10V X7R 1206    | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR60J475KC11L</a><br>Description: CAP CER 4.7UF 6.3V X5R 1206   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR61C824KA01L</a><br>Description: CAP CER 0.82UF 16V X5R 1206   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR61A106KE19L</a><br>Description: CAP CER 10UF 10V X5R 1206     | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR61A225KA01L</a><br>Description: CAP CER 2.2UF 10V X5R 1206    | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31MR71A225KA01L</a><br>Description: CAP CER 2.2UF 10V X7R 1206    | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |

|                                                |                                |                                  |                                  |
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