

GRM32EC81C476KE15K



**Part Number:** GRM32EC81C476KE15K

**Manufacturer:** Murata Electronics

**Description:** CAP CER 47UF 16V X6S 1210

**Data sheet:**  [Chip Monolithic Ceramic Caps Part Numbering](#)  
 [GRM32EC81C476KE15x Ref Sheet](#)

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

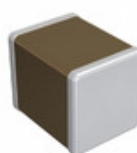
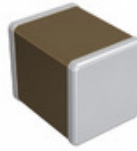
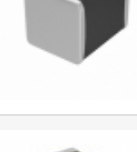
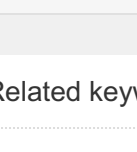
**Ship From:** Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                        |                                  |                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GRM32EC81C476KE15K                                     | Manufacturer                     | <a href="#">Murata Electronics</a>                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CAP CER 47UF 16V X6S 1210                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 223172 pcs                                             | Data sheet                       | <a href="#">Chip Monolithic Ceramic Caps Part Numbering</a><br><a href="#">GRM32EC81C476KE15x Ref Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Capacitors</a>                             | Voltage - Rated                  | 16V                                                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±10%                                                   | Thickness (Max)                  | 0.106" (2.70mm)                                                                                             |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                               | X6S                                                    | Size / Dimension                 | 0.126" L x 0.098" W (3.20mm x 2.50mm)                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                | GRM                                                    | Ratings                          | -                                                                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Original-Reel®                                         | Package / Case                   | 1210 (3225 Metric)                                                                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 490-16309-6                                            | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                      | Failure Rate                     | -                                                                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 47µF ±10% 16V Ceramic Capacitor X6S 1210 (3225 Metric) | Capacitance                      | 47µF                                                                                                        |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                          | General Purpose                                        |                                  |                                                                                                             |
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|  | Part#: <a href="#">GRM32ED70J476KE20K</a><br>Description: CAP CER 47UF 6.3V X7T 1210  | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM32EC81E226KE15L</a><br>Description: CAP CER 22UF 25V X6S 1210   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM32EC80G227ME05L</a><br>Description: CAP CER 220UF 4V X6S 1210   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
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|  | Part#: <a href="#">GRM32EE70G107ME19L</a><br>Description: CAP CER 100UF 4V X7U 1210   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM32EC80J476ME64L</a><br>Description: CAP CER 47UF 6.3V X6S 1210  | Manufacturers: <a href="#">Murata Electronics North America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">GRM32EC80E337ME05L</a><br>Description: CAP CER 330UF 2.5V X6S 1210 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM32ER60E337ME05L</a><br>Description: CAP CER 330UF 2.5V X5R 1210 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM32ED71A476ME15L</a><br>Description: CAP CER 47UF 10V X7T 1210   | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">GRM32EE70J107ME15L</a><br>Description: CAP CER 100UF 6.3V X7U 1210 | Manufacturers: <a href="#">Murata Electronics</a>               | <div>RFQ</div> |
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|  | Part#: <a href="#">GRM32EC80J476KE64L</a><br>Description: CAP CER 47UF 6.3V X6S 1210  | Manufacturers: <a href="#">Murata Electronics North America</a> | <div>RFQ</div> |
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