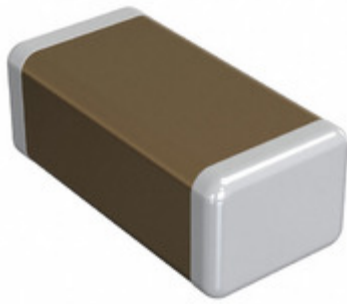



GRM31MC81C685MA12L







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Part Number: [GRM31MC81C685MA12L](#)

Manufacturer: [Murata Electronics](#)

Description: CAP CER 6.8UF 16V X6S 1206

Data sheet:  [Chip Monolithic Ceramic Caps Part Numbering](#)
 [GRM31MC81C685MA12x Ref Sheet](#)
 [Chip Monolithic Ceramic Caps Catalog](#)

RoHs Status: Lead free / RoHS Compliant

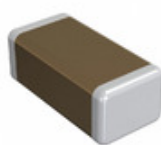

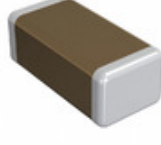

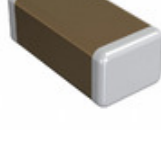














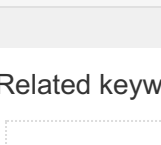
Ship From: Hong Kong

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 | GRM31MC81C685MA12L | Manufacturer | Murata Electronics |
| Description | CAP CER 6.8UF 16V X6S 1206 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available | 344890 pcs | Data sheet | Chip Monolithic Ceramic Caps Part Numbering GRM31MC81C685MA12x Ref Sheet Chip Monolithic Ceramic Caps Catalog |
| Category | Capacitors | Voltage - Rated | 16V |
| Tolerance | ±20% | Thickness (Max) | 0.049" (1.25mm) |
| Temperature Coefficient | X6S | Size / Dimension | 0.126" L x 0.063" W (3.20mm x 1.60mm) |
| Series | GRM | Ratings | - |
| Packaging | Tape & Reel (TR) | Package / Case | 1206 (3216 Metric) |
| Other Names | 490-10529-2 | 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 | - | Detailed Description | 6.8µF ±20% 16V Ceramic Capacitor X6S 1206 (3216 Metric) |
| Capacitance | 6.8µF | Applications | General Purpose |
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|  | Part#: GRM31MF51C106ZA12K Description: CAP CER 10UF 16V Y5V 1206 | Manufacturers: Murata Electronics North America | RFQ |
|  | Part#: GRM31MF51E105ZA01L Description: CAP CER 1UF 25V Y5V 1206 | Manufacturers: Murata Electronics | RFQ |
|  | Part#: GRM31MF52A473ZD01L Description: CAP CER 0.047UF 100V Y5V 1206 | Manufacturers: Murata Electronics | RFQ |
|  | Part#: GRM31MF51C225ZA01L Description: CAP CER 2.2UF 16V Y5V 1206 | Manufacturers: Murata Electronics | RFQ |
|  | Part#: GRM31MC81C685KA12L Description: CAP CER 6.8UF 16V X6S 1206 | Manufacturers: Murata Electronics | RFQ |
|  | Part#: GRM31M7U1H913JA01L Description: CAP CER 0.091UF 50V U2J 1206 | Manufacturers: Murata Electronics | RFQ |
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|  | Part#: GRM31MF51C475ZA12L Description: CAP CER 4.7UF 16V Y5V 1206 | Manufacturers: Murata Electronics | RFQ |
|  | Part#: GRM31M7U2A202JZ01L Description: CAP CER 2000PF 100V U2J 1206 | Manufacturers: Murata Electronics | RFQ |
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|  | Part#: GRM31MF51A106ZA01L Description: CAP CER 10UF 10V Y5V 1206 | Manufacturers: Murata Electronics | RFQ |
|  | Part#: GRM31MR60J475KC11L Description: CAP CER 4.7UF 6.3V X5R 1206 | Manufacturers: Murata Electronics | RFQ |

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