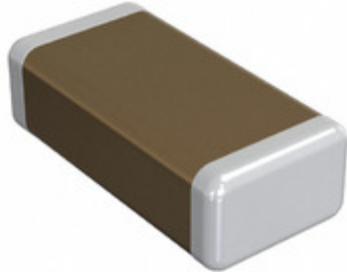


GRM31A7U3D220JW31D





INNOVATOR IN ELECTRONICS

**Part Number:** [GRM31A7U3D220JW31D](#)

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

**Description:** CAP CER 22PF 2KV U2J 1206

**Data sheet:**  [GRM31A7U3D220JW31x Ref Sheet](#)  
 [Chip Monolithic Ceramic Caps Part Numbering](#)  
 [Chip Monolithic Ceramic Caps Catalog](#)

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

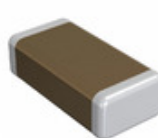
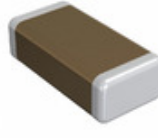
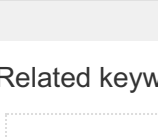
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GRM31A7U3D220JW31D                                            | Manufacturer                   | <a href="#">Murata Electronics</a>                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CAP CER 22PF 2KV U2J 1206                                     | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 507183 pcs                                                    | Data sheet                     | <a href="#">GRM31A7U3D220JW31x Ref Sheet</a><br><a href="#">Chip Monolithic Ceramic Caps Part Numbering</a><br><a href="#">Chip Monolithic Ceramic Caps Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Capacitors</a>                                    | Voltage - Rated                | 2000V (2kV)                                                                                                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±5%                                                           | Thickness (Max)                | 0.039" (1.00mm)                                                                                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                               | U2J                                                           | 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)                                                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -55°C ~ 125°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                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 22pF ±5% 2000V (2kV) Ceramic Capacitor U2J 1206 (3216 Metric) | Capacitance                    | 22pF                                                                                                                                                                |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                          | General Purpose                                               |                                |                                                                                                                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Murata Electronics series electronic components. We have 507183 pieces of Murata Electronics GRM31A7U3D220JW31D in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                               |                                |                                                                                                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                                 |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">GRM31A7U3D390JW31D</a><br>Description: CAP CER 39PF 2KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31AR72J152KW01D</a><br>Description: CAP CER 1500PF 630V X7R 1206  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3D470JW31D</a><br>Description: CAP CER 47PF 2KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3A820JW31D</a><br>Description: CAP CER 82PF 1KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3D120JW31D</a><br>Description: CAP CER 12PF 2KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3A560JW31D</a><br>Description: CAP CER 56PF 1KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics North America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3D560JW31D</a><br>Description: CAP CER 56PF 2KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3D150JW31D</a><br>Description: CAP CER 15PF 2KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3D680JW31D</a><br>Description: CAP CER 68PF 2KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3D270JW31D</a><br>Description: CAP CER 27PF 2KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3D100JW31D</a><br>Description: CAP CER 10PF 2KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31AR72J103KW01D</a><br>Description: CAP CER 10000PF 630V X7R 1206 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31AR72J222KW01D</a><br>Description: CAP CER 2200PF 630V X7R 1206  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3A331JW31D</a><br>Description: CAP CER 330PF 1KV U2J 1206    | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3A680JW31D</a><br>Description: CAP CER 68PF 1KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3A470JW31D</a><br>Description: CAP CER 47PF 1KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31AR72J102KW01D</a><br>Description: CAP CER 1000PF 630V X7R 1206  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3D180JW31D</a><br>Description: CAP CER 18PF 2KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3A390JW31D</a><br>Description: CAP CER 39PF 1KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics North America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM31A7U3D330JW31D</a><br>Description: CAP CER 33PF 2KV U2J 1206     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |

|                                                |                                |                                  |                                  |
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|                                                |                                | GRM31A7U3D220JW31D               |                                  |