

GRM033R71H221MA12D



  
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**Part Number:** [GRM033R71H221MA12D](#)

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

**Description:** CAP CER 220PF 50V X7R 0201

**Data sheet:**  [GRM033R71H221MA12x Ref Sheet](#)  
 [Chip Monolithic Ceramic Caps Part Numbering](#)  
 [Chip Monolithic Ceramic Caps Catalog](#)

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

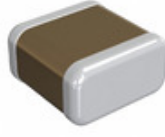
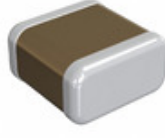
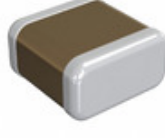
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                             | GRM033R71H221MA12D                                      | Manufacturer                   | <a href="#">Murata Electronics</a>                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 220PF 50V X7R 0201                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 14001290 pcs                                            | Data sheet                     | <a href="#">GRM033R71H221MA12x 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                | 50V                                                                                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±20%                                                    | Thickness (Max)                | 0.013" (0.33mm)                                                                                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                 | X7R                                                     | 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 ~ 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                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 220pF ±20% 50V Ceramic Capacitor X7R 0201 (0603 Metric) | Capacitance                    | 220pF                                                                                                                                                               |
| 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 14001290 pieces of Murata Electronics GRM033R71H221MA12D 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="#">GRM033R71H271KA12D</a><br>Description: CAP CER 270PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H331MA12D</a><br>Description: CAP CER 330PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H471KA12J</a><br>Description: CAP CER 470PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H151MA12J</a><br>Description: CAP CER 150PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H471KA12D</a><br>Description: CAP CER 470PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H331KA12D</a><br>Description: CAP CER 330PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H331KA12E</a><br>Description: CAP CER 330PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H221MA12J</a><br>Description: CAP CER 220PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H152MA12D</a><br>Description: CAP CER 1500PF 50V X7R 0201 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H152KA12J</a><br>Description: CAP CER 1500PF 50V X7R 0201 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H221KA12J</a><br>Description: CAP CER 220PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H331KA12J</a><br>Description: CAP CER 330PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H152MA12J</a><br>Description: CAP CER 1500PF 50V X7R 0201 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H152KA12D</a><br>Description: CAP CER 1500PF 50V X7R 0201 | Manufacturers: <a href="#">Murata Electronics North America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H151MA12D</a><br>Description: CAP CER 150PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H152KA12E</a><br>Description: CAP CER 1500PF 50V X7R 0201 | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">GRM033R71H331MA12J</a><br>Description: CAP CER 330PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">GRM033R71H471KA12E</a><br>Description: CAP CER 470PF 50V X7R 0201  | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |

Related keywords for GRM033R71H221MA12D

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