

RDE5C1H180J0M1H03A



  
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**Part Number:** [RDE5C1H180J0M1H03A](#)

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

**Description:** CAP CER 18PF 50V C0G/NP0 RADIAL

**Data sheet:**  [Monolithic Ceramic Capacitors Catalog](#)  
 [Radial Lead Monolithic Part Numbering](#)  
 [RDE Series Summary](#)

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

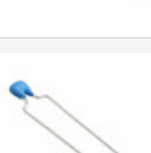
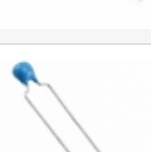
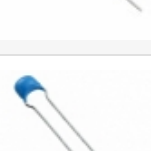
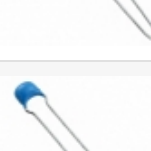
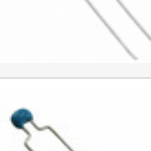
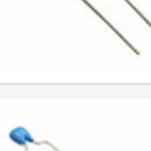
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | RDE5C1H180J0M1H03A                             | Manufacturer                     | <a href="#">Murata Electronics</a>                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAP CER 18PF 50V C0G/NP0 RADIAL                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1204970 pcs                                    | Data sheet                       | <a href="#">Monolithic Ceramic Capacitors Catalog</a><br><a href="#">Radial Lead Monolithic Part Numbering</a><br><a href="#">RDE Series Summary</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Capacitors</a>                     | Voltage - Rated                  | 50V                                                                                                                                                  |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±5%                                            | Thickness (Max)                  | -                                                                                                                                                    |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                | C0G, NP0                                       | Size / Dimension                 | 0.157" L x 0.098" W (4.00mm x 2.50mm)                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | RDE                                            | Ratings                          | -                                                                                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Box (TB)                                | Package / Case                   | Radial                                                                                                                                               |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 490-8982-3                                     | Operating Temperature            | -55°C ~ 125°C                                                                                                                                        |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Through Hole                                   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                        |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.197" (5.00mm)                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                           |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.236" (6.00mm)                                | Features                         | -                                                                                                                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18pF ±5% 50V Ceramic Capacitor C0G, NP0 Radial | Capacitance                      | 18pF                                                                                                                                                 |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                           | General Purpose                                |                                  |                                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                   |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------|
|  | Part#: <a href="#">RDE5C1H152J0M1H03A</a><br>Description: CAP CER 1500PF 50V C0G/NP0 RAD   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RDE5C1H152J0S1H03A</a><br>Description: CAP CER 1500PF 50V C0G/NP0 RAD   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RDE5C1H181J0S1H03A</a><br>Description: CAP CER 180PF 50V C0G/NP0 RADIAL | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RDE5C1H182J0M1H03A</a><br>Description: CAP CER 1800PF 50V C0G/NP0 RAD   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RDE5C1H152J0P1H03B</a><br>Description: CAP CER 1500PF 50V NP0 RADIAL    | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RDE5C1H151J0S1H03A</a><br>Description: CAP CER 150PF 50V C0G/NP0 RADIAL | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RDE5C1H180J0S1H03A</a><br>Description: CAP CER 18PF 50V C0G/NP0 RADIAL  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RDE5C1H182J0S1H03A</a><br>Description: CAP CER 1800PF 50V C0G/NP0 RAD   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RDE5C1H181J0K1H03B</a><br>Description: CAP CER 180PF 50V NP0 RADIAL     | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RDE5C1H180J0P1H03B</a><br>Description: CAP CER 18PF 50V NP0 RADIAL      | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RDE5C1H180J0K1H03B</a><br>Description: CAP CER 18PF 50V NP0 RADIAL      | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">RDE5C1H153J1K1H03B</a><br>Description: CAP CER 0.015UF 50V NP0 RADIAL   | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">RDE5C1H153J1S1H03A</a><br>Description: CAP CER 0.015UF 50V C0G/NP0 RAD  | Manufacturers: <a href="#">Murata Electronics</a> | <a href="#">RFQ</a> |
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