

06035A181K4T2A



**Part Number:** 06035A181K4T2A

**Manufacturer:** AVX Corporation

**Description:** CAP CER 180PF 50V NP0 0603

**Data sheet:**  [Ceramic Chip Capacitor Catalog](#)  
 [Part Number Explanation](#)  
 [Automotive MLCC Series](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 06035A181K4T2A                                               | Manufacturer                    | <a href="#">AVX Corporation</a>                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 180PF 50V NP0 0603                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1278541 pcs                                                  | Data sheet                      | <a href="#">Ceramic Chip Capacitor Catalog</a><br><a href="#">Part Number Explanation</a><br><a href="#">Automotive MLCC Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>                                   | Voltage - Rated                 | 50V                                                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±10%                                                         | Thickness (Max)                 | 0.035" (0.90mm)                                                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                      | C0G, NP0                                                     | Size / Dimension                | 0.063" L x 0.032" W (1.60mm x 0.81mm)                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                            | Ratings                         | AEC-Q200                                                                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                                             | Package / Case                  | 0603 (1608 Metric)                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                        | -55°C ~ 125°C                                                | Mounting Type                   | Surface Mount, MLCC                                                                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                                                | Manufacturer Standard Lead Time | 20 Weeks                                                                                                                            |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                            | Lead Spacing                    | -                                                                                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                   | Height - Seated (Max)           | -                                                                                                                                   |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                            | Failure Rate                    | -                                                                                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | 180pF ±10% 50V Ceramic Capacitor C0G, NP0 0603 (1608 Metric) | Capacitance                     | 180pF                                                                                                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Automotive                                                   |                                 |                                                                                                                                     |
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|  | Part#: <a href="#">06035A180KAT2A</a><br>Description: CAP CER 18PF 50V C0G/NP0 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06035A181MAT2A</a><br>Description: CAP CER 180PF 50V NP0 0603     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06035A181J4T2A</a><br>Description: CAP CER 180PF 50V NP0 0603     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06035A1R1BAT2A</a><br>Description: CAP CER 1.1PF 50V NP0 0603     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">06035A1R0DAT2A</a><br>Description: CAP CER 1PF 50V NP0 0603       | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06035A1R0D4T2A</a><br>Description: CAP CER 1PF 50V NP0 0603       | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">06035A1R0C4T2A</a><br>Description: CAP CER 1PF 50V NP0 0603       | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">06035A181GAT4A</a><br>Description: CAP CER 180PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
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