

1206ZC106MAT2A



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**Part Number:** 1206ZC106MAT2A

**Manufacturer:** AVX Corporation

**Description:** CAP CER 10UF 10V X7R 1206

**Data sheet:**  [Ceramic Chip Capacitor Catalog](#)  
 [X7R Dielectric Capacitor Series](#)  
 [Part Number Explanation](#)

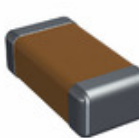
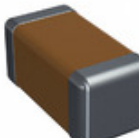
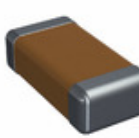
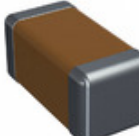
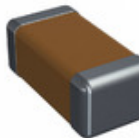
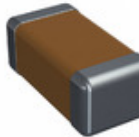
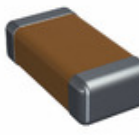
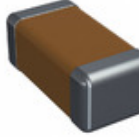
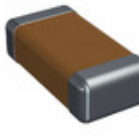
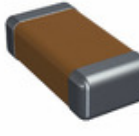
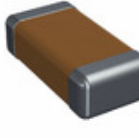
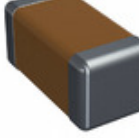
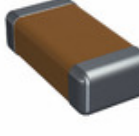
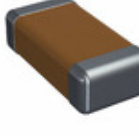
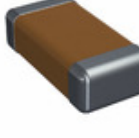
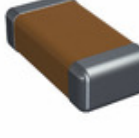
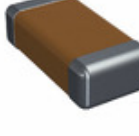
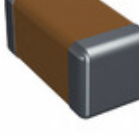
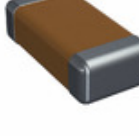
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                        |                                |                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1206ZC106MAT2A                                         | Manufacturer                   | <a href="#">AVX Corporation</a>                                                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 10UF 10V X7R 1206                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 831016 pcs                                             | Data sheet                     | <a href="#">Ceramic Chip Capacitor Catalog</a><br><a href="#">X7R Dielectric Capacitor Series</a><br><a href="#">Part Number Explanation</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>                             | Voltage - Rated                | 10V                                                                                                                                          |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±20%                                                   | Thickness (Max)                | 0.037" (0.94mm)                                                                                                                              |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                     | X7R                                                    | Size / Dimension               | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                      | 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                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10µF ±20% 10V Ceramic Capacitor X7R 1206 (3216 Metric) | Capacitance                    | 10µF                                                                                                                                         |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                | General Purpose                                        |                                |                                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|  | Part#: <a href="#">1206ZC106KAT2A</a><br>Description: CAP CER 10UF 10V X7R 1206    | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC185KAT2A</a><br>Description: CAP CER 1.8UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC103MAT2A</a><br>Description: CAP CER 10000PF 10V X7R 1206 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC185MAT2A</a><br>Description: CAP CER 1.8UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC105KAT2A</a><br>Description: CAP CER 1UF 10V X7R 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC105MAT2A</a><br>Description: CAP CER 1UF 10V X7R 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC125KAT2A</a><br>Description: CAP CER 1.2UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC135KAT2A</a><br>Description: CAP CER 1.3UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC223MAT2A</a><br>Description: CAP CER 0.022UF 10V X7R 1206 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC123MAT2A</a><br>Description: CAP CER 0.012UF 10V X7R 1206 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC104JAT2A</a><br>Description: CAP CER 0.1UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC155KAT2A</a><br>Description: CAP CER 1.5UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC155MAT2A</a><br>Description: CAP CER 1.5UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206YZ105KAT2A</a><br>Description: CAP CER 1UF 16V X7S 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC155JAT2A</a><br>Description: CAP CER 1.5UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206YG684ZAT2A</a><br>Description: CAP CER 0.68UF 16V Y5V 1206  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC104KAT2A</a><br>Description: CAP CER 0.1UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC104MAT2A</a><br>Description: CAP CER 0.1UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC185KA76A</a><br>Description: CAP CER 1.8UF 10V X7R 1206   | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206ZC105JAT2A</a><br>Description: CAP CER 1UF 10V X7R 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |

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