

18122C224KAT2A





**Part Number:** 18122C224KAT2A

**Manufacturer:** AVX Corporation

**Description:** CAP CER 0.22UF 200V X7R 1812

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

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

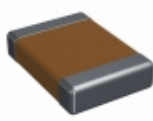
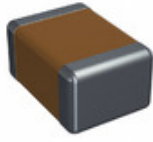
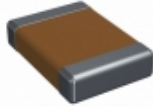
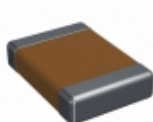
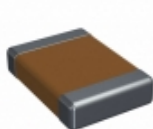
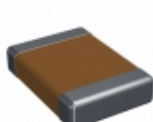
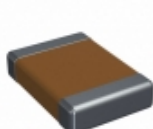
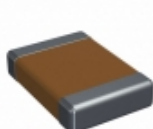
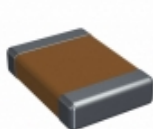
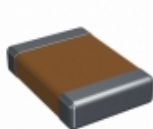
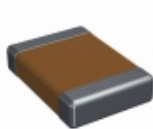
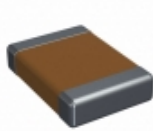
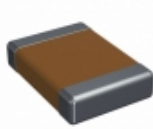
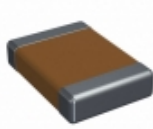
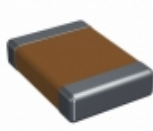
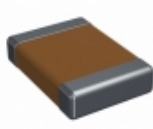
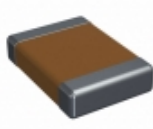
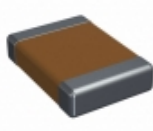
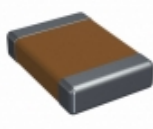
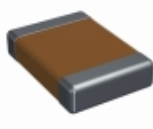
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |                                  |                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18122C224KAT2A               | Manufacturer                     | <a href="#">AVX Corporation</a>                                                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 0.22UF 200V X7R 1812 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 108498 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                  | 200V                                                                                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±10%                         | Thickness (Max)                  | 0.040" (1.02mm)                                                                                                                              |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                     | X7R                          | Size / Dimension                 | 0.180" L x 0.126" W (4.57mm x 3.20mm)                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                            | Ratings                          | -                                                                                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Original-Reel®               | Package / Case                   | 1812 (4532 Metric)                                                                                                                           |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 478-10922-6                  | 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             | 0.22µF ±10% 200V Ceramic Capacitor X7R 1812 (4532 Metric)                                                                                    |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.22µF                       | Applications                     | General Purpose                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|  | Part#: <a href="#">18122C224MAT2A</a><br>Description: CAP CER 0.22UF 200V X7R 1812  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C334KAT2A</a><br>Description: CAP CER 0.33UF 200V X7R 1812  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C154KAT2A</a><br>Description: CAP CER 0.15UF 200V X7R 1812  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C273KAT2A</a><br>Description: CAP CER 0.027UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C183MAT2A</a><br>Description: CAP CER 0.018UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C184KAT2A</a><br>Description: CAP CER 0.18UF 200V X7R 1812  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C223MAT2A</a><br>Description: CAP CER 0.022UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C223KAT2A</a><br>Description: CAP CER 0.022UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C333JAT2A</a><br>Description: CAP CER 0.033UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C153KAT2A</a><br>Description: CAP CER 0.015UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C154MAT2A</a><br>Description: CAP CER 0.15UF 200V X7R 1812  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C223JAT2A</a><br>Description: CAP CER 0.022UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C183KAT2A</a><br>Description: CAP CER 0.018UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C473JAT2A</a><br>Description: CAP CER 0.047UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C333JAT4A</a><br>Description: CAP CER 0.033UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C393KAT2A</a><br>Description: CAP CER 0.039UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">18122C473MAT2A</a><br>Description: CAP CER 0.047UF 200V X7R 1812 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">18122C154JAT2A</a><br>Description: CAP CER 0.15UF 200V X7R 1812  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |

| Related keywords for 18122C224KAT2A |                                      |                         |                      |
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