

12062A6R8CAT2A



**Part Number:** 12062A6R8CAT2A

**Manufacturer:** AVX Corporation

**Description:** CAP CER 6.8PF 200V NP0 1206

**Data sheet:**  [Ceramic Chip Capacitor Catalog](#)  
 [C0G\(NP0\) Dielectric](#)  
 [Part Number Explanation](#)

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

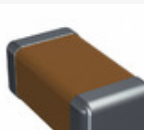
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12062A6R8CAT2A                                                   | Manufacturer                    | <a href="#">AVX Corporation</a>                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 6.8PF 200V NP0 1206                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 696637 pcs                                                       | Data sheet                      | <a href="#">Ceramic Chip Capacitor Catalog</a><br><a href="#">C0G(NP0) Dielectric</a><br><a href="#">Part Number Explanation</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>                                       | Voltage - Rated                 | 200V                                                                                                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±0.25pF                                                          | Thickness (Max)                 | 0.037" (0.94mm)                                                                                                                  |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                     | C0G, NP0                                                         | 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)                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.8pF ±0.25pF 200V Ceramic Capacitor C0G, NP0 1206 (3216 Metric) | Capacitance                     | 6.8pF                                                                                                                            |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                | General Purpose                                                  |                                 |                                                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|  | Part#: <a href="#">12062C102JAT2A</a><br>Description: CAP CER 1000PF 200V X7R 1206    | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A8R2DAT2A</a><br>Description: CAP CER 8.2PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A681JAT2A</a><br>Description: CAP CER 680PF 200V C0G/NP0 1206 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A621JAT2A</a><br>Description: CAP CER 620PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A681GAT2A</a><br>Description: CAP CER 680PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A821FAT2A</a><br>Description: CAP CER 820PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A600FAT2A</a><br>Description: CAP CER 60PF 200V NP0 1206      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A821GAT2A</a><br>Description: CAP CER 820PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A681KAT2A</a><br>Description: CAP CER 680PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A910FAT2A</a><br>Description: CAP CER 91PF 200V NP0 1206      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A681FAT2A</a><br>Description: CAP CER 680PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A680FAT2A</a><br>Description: CAP CER 68PF 200V NP0 1206      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A5R1DAT4A</a><br>Description: CAP CER 5.1PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A821KAT2P</a><br>Description: CAP CER 820PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A5R1DAT2A</a><br>Description: CAP CER 5.1PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A820FAT2A</a><br>Description: CAP CER 82PF 200V NP0 1206      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A821KAT2A</a><br>Description: CAP CER 820PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A680GAT2A</a><br>Description: CAP CER 68PF 200V NP0 1206      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062A821JAT2A</a><br>Description: CAP CER 820PF 200V NP0 1206     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">12062C102JAZ2A</a><br>Description: CAP CER 1000PF 200V X7R 1206    | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |

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