

08055A1R2DAT2A





**Part Number:** 08055A1R2DAT2A

**Manufacturer:** AVX Corporation

**Description:** CAP CER 1.2PF 50V NP0 0805

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08055A1R2DAT2A                                                 | Manufacturer                    | <a href="#">AVX Corporation</a>                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 1.2PF 50V NP0 0805                                     | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1264050 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                 | 50V                                                                                                                              |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±0.5pF                                                         | Thickness (Max)                 | 0.037" (0.94mm)                                                                                                                  |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                      | C0G, NP0                                                       | Size / Dimension                | 0.079" L x 0.049" W (2.01mm x 1.25mm)                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                              | Ratings                         | -                                                                                                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                                               | Package / Case                  | 0805 (2012 Metric)                                                                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                        | -55°C ~ 125°C                                                  | Mounting Type                   | Surface Mount, MLCC                                                                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                                                  | Manufacturer Standard Lead Time | 28 Weeks                                                                                                                         |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                              | Lead Spacing                    | -                                                                                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                     | Height - Seated (Max)           | -                                                                                                                                |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                              | Failure Rate                    | -                                                                                                                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.2pF ±0.5pF 50V Ceramic Capacitor C0G, NP0 0805 (2012 Metric) | Capacitance                     | 1.2pF                                                                                                                            |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                 | General Purpose                                                |                                 |                                                                                                                                  |
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|  | <p>Part#: <a href="#">08055A1R5CAT2A</a></p> <p>Description: CAP CER 1.5PF 50V C0G/NP0 0805</p> | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08055A1R5CAT2P</a></p> <p>Description: CAP CER 1.5PF 50V NP0 0805</p>     | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
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|  | <p>Part#: <a href="#">08055A1R0CAT4A</a></p> <p>Description: CAP CER 1PF 50V NP0 0805</p>       | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
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|  | <p>Part#: <a href="#">08055A1R5CAT2M</a></p> <p>Description: CAP CER 1.5PF 50V NP0 0805</p>     | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08055A1R5CA12A</a></p> <p>Description: CAP CER 1.5PF 50V NP0 0805</p>     | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08055A1R0BAT2A</a></p> <p>Description: CAP CER 1PF 50V NP0 0805</p>       | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
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|  | <p>Part#: <a href="#">08055A1R0BA12A</a></p> <p>Description: CAP CER 1PF 50V NP0 0805</p>       | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08055A1R0CA12A</a></p> <p>Description: CAP CER 1PF 50V NP0 0805</p>       | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08055A182KAT2A</a></p> <p>Description: CAP CER 1800PF 50V NP0 0805</p>    | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08055A1R5BAT2A</a></p> <p>Description: CAP CER 1.5PF 50V C0G/NP0 0805</p> | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08055A1R0CAT2M</a></p> <p>Description: CAP CER 1PF 50V NP0 0805</p>       | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
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|  | <p>Part#: <a href="#">08055A1R0CAT2A</a></p> <p>Description: CAP CER 1PF 50V C0G/NP0 0805</p>   | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08055A1R3CAT2A</a></p> <p>Description: CAP CER 1.3PF 50V NP0 0805</p>     | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08055A1R8BAT2A</a></p> <p>Description: CAP CER 1.8PF 50V NP0 0805</p>     | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |

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