

08051A9R0CAT2A



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**Part Number:** [08051A9R0CAT2A](#)

**Manufacturer:** [AVX Corporation](#)

**Description:** CAP CER 9PF 100V 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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                                  |                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08051A9R0CAT2A                   | Manufacturer                     | <a href="#">AVX Corporation</a>                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 9PF 100V NP0 0805        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1152826 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                  | 100V                                                                                                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±0.25pF                          | 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)                                                                                                               |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 08051A9R0CAT2A-ND<br>478-10419-2 | 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             | 9pF ±0.25pF 100V Ceramic Capacitor C0G, NP0 0805 (2012 Metric)                                                                   |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 9pF                              | Applications                     | General Purpose                                                                                                                  |
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|  | <p>Part#: <a href="#">08051AR75CAT4A</a></p> <p>Description: CAP CER 0.75PF 100V C0G/NP0 0805</p> | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A910GAT2A</a></p> <p>Description: CAP CER 91PF 100V NP0 0805</p>       | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A9R0DAT2A</a></p> <p>Description: CAP CER 9PF 100V NP0 0805</p>        | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051AR68BAT2A</a></p> <p>Description: CAP CER 0.68PF 100V NP0 0805</p>     | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A9R1BAT2A</a></p> <p>Description: CAP CER 9.1PF 100V NP0 0805</p>      | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
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|  | <p>Part#: <a href="#">08051A910FAT2A</a></p> <p>Description: CAP CER 91PF 100V NP0 0805</p>       | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051AR75CAT2A</a></p> <p>Description: CAP CER 0.75PF 100V C0G/NP0 0805</p> | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A910JAT2A</a></p> <p>Description: CAP CER 91PF 100V NP0 0805</p>       | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051AR68CAT2A</a></p> <p>Description: CAP CER 0.68PF 100V NP0 0805</p>     | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A8R2DAT2A</a></p> <p>Description: CAP CER 8.2PF 100V NP0 0805</p>      | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A911JAT2A</a></p> <p>Description: CAP CER 910PF 100V NP0 0805</p>      | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A8R2CAT4A</a></p> <p>Description: CAP CER 8.2PF 100V C0G/NP0 0805</p>  | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A9R5CAT2A</a></p> <p>Description: CAP CER 9.5PF 100V NP0 0805</p>      | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A9R1CAT2A</a></p> <p>Description: CAP CER 9.1PF 100V NP0 0805</p>      | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A8R2JAT2A</a></p> <p>Description: CAP CER 8.2PF 100V NP0 0805</p>      | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051AR82CAT2A</a></p> <p>Description: CAP CER 0.82PF 100V NP0 0805</p>     | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A960FAT2A</a></p> <p>Description: CAP CER 96PF 100V NP0 0805</p>       | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |
|  | <p>Part#: <a href="#">08051A9R1DAT2A</a></p> <p>Description: CAP CER 9.1PF 100V NP0 0805</p>      | <p>Manufacturers: <a href="#">AVX Corporation</a></p> | <a href="#">RFQ</a> |

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