

08051A821GAT2A



Part Number: 08051A821GAT2A

Manufacturer: AVX Corporation

Description: CAP CER 820PF 100V NP0 0805

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

RoHs Status: Lead free / RoHS Compliant

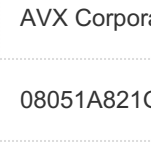
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                                  |                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 08051A821GAT2A              | Manufacturer                     | <a href="#">AVX Corporation</a>                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 820PF 100V NP0 0805 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 509568 pcs                  | Data sheet                       | <a href="#">Part Number Explanation</a><br><a href="#">C0G(NP0) Dielectric</a><br><a href="#">Ceramic Cap Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>  | Voltage - Rated                  | 100V                                                                                                                  |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 820pF                       | Thickness (Max)                  | C0G, NP0                                                                                                              |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                           | Size / Dimension                 | 0.079" L x 0.049" W (2.00mm x 1.25mm)                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                           | RoHS Status                      | Tape & Reel (TR)                                                                                                      |
| Ripple Current - Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                              | General Purpose             | Ratings                          | -                                                                                                                     |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0805 (2012 Metric)          | Operating Temperature            | -55°C ~ 125°C                                                                                                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                               | Surface Mount, MLCC         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                         |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08051A821GAT2A              | Lead Style                       | 0.037" (0.94mm)                                                                                                       |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                           | Features                         | -                                                                                                                     |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                           | Expanded Description             | 820pF ±2% 100V Ceramic Capacitor C0G, NP0 0805 (2012 Metric)                                                          |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                                          | ±2%                         | Description                      | CAP CER 820PF 100V NP0 0805                                                                                           |
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|  | Part#: <a href="#">08051A870FAT2A</a><br>Description: CAP CER 87PF 100V NP0 0805      | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">08051A821KAT2A</a><br>Description: CAP CER 820PF 100V NP0 0805     | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">08051A8R0DAT2A</a><br>Description: CAP CER 8PF 100V NP0 0805       | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">08051A8R2CAT2A</a><br>Description: CAP CER 8.2PF 100V C0G/NP0 0805 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">08051A820MAT2A</a><br>Description: CAP CER 82PF 100V NP0 0805      | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
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