

C1608NP01H681J080AA





Part Number: C1608NP01H681J080AA

Manufacturer: TDK Corporation

Description: CAP CER 680PF 50V NP0 0603

Data sheet: 

PDF

C Series, High Temp Appl Spec

PDF

C1608NP01H681J080AA Character Sheet

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C Series, High Temp Appl DataSheet

RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                             |                                  |                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C1608NP01H681J080AA                                         | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 680PF 50V NP0 0603                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1245371 pcs                                                 | Data sheet                       | <a href="#">C Series, High Temp Appl Spec</a><br><a href="#">C1608NP01H681J080AA Character Sheet</a><br><a href="#">C Series, High Temp Appl DataSheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                                  | Voltage - Rated                  | 50V                                                                                                                                                        |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±5%                                                         | Thickness (Max)                  | 0.035" (0.90mm)                                                                                                                                            |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | C0G, NP0                                                    | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.80mm)                                                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                           | Ratings                          | -                                                                                                                                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cut Tape (CT)                                               | Package / Case                   | 0603 (1608 Metric)                                                                                                                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-14089-1                                                 | Operating Temperature            | -55°C ~ 150°C                                                                                                                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount, MLCC                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                              |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                           | Lead Spacing                     | -                                                                                                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                  | Height - Seated (Max)            | -                                                                                                                                                          |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                          | High Temperature                                            | Failure Rate                     | -                                                                                                                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | 680pF ±5% 50V Ceramic Capacitor C0G, NP0 0603 (1608 Metric) | Capacitance                      | 680pF                                                                                                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                             |                                  |                                                                                                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                |                |
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|  | Part#: <a href="#">C1608NP02A010C080AA</a><br>Description: CAP CER 1PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H821J080AA</a><br>Description: CAP CER 820PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H682J080AA</a><br>Description: CAP CER 6800PF 50V NP0 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H560J080AA</a><br>Description: CAP CER 56PF 50V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H822J080AA</a><br>Description: CAP CER 8200PF 50V NP0 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H392J080AA</a><br>Description: CAP CER 3900PF 50V NP0 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H561J080AA</a><br>Description: CAP CER 560PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H680J080AA</a><br>Description: CAP CER 68PF 50V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H6R8D080AA</a><br>Description: CAP CER 6.8PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H470J080AA</a><br>Description: CAP CER 47PF 50V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP02A030C080AA</a><br>Description: CAP CER 3PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H3R3C080AA</a><br>Description: CAP CER 3.3PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H472J080AA</a><br>Description: CAP CER 4700PF 50V NP0 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP02A040C080AA</a><br>Description: CAP CER 4PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP02A050C080AA</a><br>Description: CAP CER 5PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H820J080AA</a><br>Description: CAP CER 82PF 50V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP02A020C080AA</a><br>Description: CAP CER 2PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H4R7C080AA</a><br>Description: CAP CER 4.7PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H562J080AA</a><br>Description: CAP CER 5600PF 50V NP0 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608NP01H471J080AA</a><br>Description: CAP CER 470PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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