

C0402C0G1C090B



Part Number: C0402C0G1C090B

Manufacturer: TDK Corporation

Description: CAP CER 9PF 16V C0G 01005

Data sheet:  C Series, General  
 C Series, Gen Appl Spec  
 MLCC Part Number Guide

RoHs Status: Lead free / RoHS Compliant

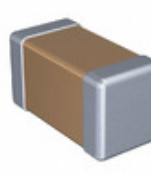
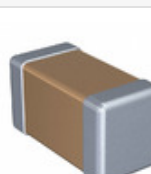
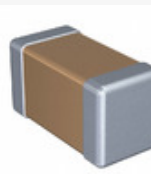
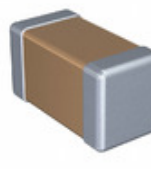
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               |                                  |                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0402C0G1C090B                                                | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 9PF 16V C0G 01005                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 931786 pcs                                                    | Data sheet                       | <a href="#">C Series, General</a><br><a href="#">C Series, Gen Appl Spec</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>                                    | Voltage - Rated                  | 16V                                                                                                                    |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±0.1pF                                                        | Thickness (Max)                  | 0.009" (0.22mm)                                                                                                        |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                     | C0G, NP0                                                      | Size / Dimension                 | 0.016" L x 0.008" W (0.40mm x 0.20mm)                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | C                                                             | Ratings                          | -                                                                                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Cut Tape (CT)                                                 | Package / Case                   | 01005 (0402 Metric)                                                                                                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 445-5474-1                                                    | Operating Temperature            | -55°C ~ 125°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                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                             | Failure Rate                     | -                                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9pF ±0.1pF 16V Ceramic Capacitor C0G, NP0 01005 (0402 Metric) | Capacitance                      | 9pF                                                                                                                    |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                | General Purpose                                               |                                  |                                                                                                                        |
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|  | Part#: <a href="#">C0402C0G1C090D020BC</a><br>Description: CAP CER 9PF 16V C0G 01005   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0402C0G1C0R3W</a><br>Description: CAP CER 0.3PF 16V C0G 01005      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0402C0G1C0R2W</a><br>Description: CAP CER 0.2PF 16V C0G 01005      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0402C0G1C070D020BC</a><br>Description: CAP CER 7PF 16V C0G 01005   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0402C0G1C080B</a><br>Description: CAP CER 8PF 16V C0G 01005        | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0402C0G1C080D020BC</a><br>Description: CAP CER 8PF 16V C0G 01005   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0402C0G1C070B</a><br>Description: CAP CER 7PF 16V C0G 01005        | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0402C0G1C070C</a><br>Description: CAP CER 7PF 16V C0G 01005        | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0402C0G1C0R4W</a><br>Description: CAP CER 0.4PF 16V C0G 01005      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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