

C2012C0G1H472K060AA



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Part Number: C2012C0G1H472K060AA

Manufacturer: TDK Corporation

Description: CAP CER 4700PF 50V C0G 0805

Data sheet:

 C Series, General Datasheet

 C Series, Gen Appl & Mid-Voltage Spec

 MLCC Part Number Guide

 C2012C0G1H472K060AA Character Sheet

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               |                                  |                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | C2012C0G1H472K060AA                                           | Manufacturer                     | TDK Corporation                                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 4700PF 50V C0G 0805                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                 | 1244379 pcs                                                   | Data sheet                       | <a href="#">C Series, General Datasheet</a><br><a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a><br><a href="#">MLCC Part Number Guide</a><br><a href="#">C2012C0G1H472K060AA Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                           | Capacitors                                                    | Voltage - Rated                  | 50V                                                                                                                                                                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                          | ±10%                                                          | Thickness (Max)                  | 0.030" (0.75mm)                                                                                                                                                                                           |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                            | C0G, NP0                                                      | Size / Dimension                 | 0.079" L x 0.049" W (2.00mm x 1.25mm)                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                             | C                                                             | Ratings                          | -                                                                                                                                                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                          | Cut Tape (CT)                                                 | Package / Case                   | 0805 (2012 Metric)                                                                                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                        | 445-14322-1                                                   | 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                                                                                                                                                                                                                                                                                                                                                                                                           | Low ESL                                                       | Failure Rate                     | -                                                                                                                                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                               | 4700pF ±10% 50V Ceramic Capacitor C0G, NP0 0805 (2012 Metric) | Capacitance                      | 4700pF                                                                                                                                                                                                    |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                       | General Purpose                                               |                                  |                                                                                                                                                                                                           |
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|  | Part#: <a href="#">C2012C0G1H682J/1.25</a><br>Description: CAP CER 6800PF 50V C0G 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H472J060AA</a><br>Description: CAP CER 4700PF 50V C0G 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H682K060AA</a><br>Description: CAP CER 6800PF 50V C0G 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C2012C0G1H472J/0.85</a><br>Description: CAP CER 4700PF 50V C0G 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H682J060AA</a><br>Description: CAP CER 6800PF 50V C0G 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H681J</a><br>Description: CAP CER 680PF 50V C0G 0805        | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H333K125AA</a><br>Description: CAP CER 0.033UF 50V C0G 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H391J</a><br>Description: CAP CER 390PF 50V C0G 0805        | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H561J</a><br>Description: CAP CER 560PF 50V C0G 0805        | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H333J125AA</a><br>Description: CAP CER 0.033UF 50V C0G 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H472J/10</a><br>Description: CAP CER 4700PF 50V C0G 0805    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H821J</a><br>Description: CAP CER 820PF 50V C0G 0805        | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H562J060AA</a><br>Description: CAP CER 5600PF 50V C0G 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H562K060AA</a><br>Description: CAP CER 5600PF 50V C0G 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C2012C0G1H392J/0.85</a><br>Description: CAP CER 3900PF 50V C0G 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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