

C3216C0G1H683K160AA



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Part Number: C3216C0G1H683K160AA

Manufacturer: TDK Corporation

Description: CAP CER 0.068UF 50V C0G 1206

Data sheet:

 C Series, General Datasheet

 C Series, Gen Appl & Mid-Voltage Spec

 MLCC Part Number Guide

 C3216C0G1H683K160AA Character Sheet

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                |                                  |                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | C3216C0G1H683K160AA                                            | Manufacturer                     | TDK Corporation                                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 0.068UF 50V C0G 1206                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 333896 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="#">C3216C0G1H683K160AA Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                                     | Voltage - Rated                  | 50V                                                                                                                                                                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                           | Thickness (Max)                  | 0.071" (1.80mm)                                                                                                                                                                                           |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                           | C0G, NP0                                                       | Size / Dimension                 | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                              | Ratings                          | -                                                                                                                                                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                               | Package / Case                   | 1206 (3216 Metric)                                                                                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                       | 445-14609-2<br>C3216C0G1H683KT000N                             | 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                                                                                                                                                                                                                                                                                                                                                                                              | 0.068µF ±10% 50V Ceramic Capacitor C0G, NP0 1206 (3216 Metric) | Capacitance                      | 0.068µF                                                                                                                                                                                                   |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                                |                                  |                                                                                                                                                                                                           |
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|  | Part#: <a href="#">C3216C0G1H472K060AA</a><br>Description: CAP CER 4700PF 50V C0G 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216C0G1H682J060AA</a><br>Description: CAP CER 6800PF 50V C0G 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216C0G2A104J160AE</a><br>Description: CAP CER 0.1UF 100V C0G/NP0 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216C0G2A104K160AC</a><br>Description: CAP CER 0.1UF 100V C0G 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216C0G1H473K115AA</a><br>Description: CAP CER 0.047UF 50V C0G 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216C0G1H822K060AA</a><br>Description: CAP CER 8200PF 50V C0G 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216C0G1H562J060AA</a><br>Description: CAP CER 5600PF 50V C0G 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216C0G1H822J/0.85</a><br>Description: CAP CER 8200PF 50V C0G 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216C0G1H822J/1.15</a><br>Description: CAP CER 8200PF 50V C0G 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216C0G2A153J115AA</a><br>Description: CAP CER 0.015UF 100V C0G 1206   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216C0G1H682K060AA</a><br>Description: CAP CER 6800PF 50V C0G 1206     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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