

C1608JB1C105K080AA





Part Number: C1608JB1C105K080AA

Manufacturer: TDK Corporation

Description: CAP CER 1UF 16V JB 0603

Data sheet: 

PDF

C Series, General Datasheet

PDF

C Series, Gen Appl & Mid-Voltage Spec

PDF

MLCC Part Number Guide

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                      |                                  |                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | C1608JB1C105K080AA                                   | Manufacturer                     | TDK Corporation                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 1UF 16V JB 0603                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 2951967 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> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | Capacitors                                           | Voltage - Rated                  | 16V                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                 | Thickness (Max)                  | 0.035" (0.90mm)                                                                                                                                    |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                           | JB                                                   | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.80mm)                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                    | Ratings                          | -                                                                                                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                     | Package / Case                   | 0603 (1608 Metric)                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                       | 445-11217-2<br>C1608JB1C105KT000N                    | Operating Temperature            | -25°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                              | 1µF ±10% 16V Ceramic Capacitor JB 0603 (1608 Metric) | Capacitance                      | 1µF                                                                                                                                                |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                      |                                  |                                                                                                                                                    |
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|  | Part#: <a href="#">C1608JB1C105M080AA</a><br>Description: CAP CER 1UF 16V JB 0603    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1A684K080AC</a><br>Description: CAP CER 0.68UF 10V JB 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1C335K080AC</a><br>Description: CAP CER 3.3UF 16V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1C334M080AA</a><br>Description: CAP CER 0.33UF 16V JB 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C1608JB1A335M080AB</a><br>Description: CAP CER 3.3UF 10V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1A335K080AB</a><br>Description: CAP CER 3.3UF 10V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1A685K080AC</a><br>Description: CAP CER 6.8UF 10V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1C334K080AA</a><br>Description: CAP CER 0.33UF 16V JB 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1C225M080AB</a><br>Description: CAP CER 2.2UF 16V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1A226M080AC</a><br>Description: CAP CER 22UF 10V JB 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1C335M080AC</a><br>Description: CAP CER 3.3UF 16V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1C225K080AB</a><br>Description: CAP CER 2.2UF 16V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1A475K080AB</a><br>Description: CAP CER 4.7UF 10V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1A475M080AB</a><br>Description: CAP CER 4.7UF 10V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1C155M080AB</a><br>Description: CAP CER 1.5UF 16V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608JB1C155K080AB</a><br>Description: CAP CER 1.5UF 16V JB 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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