

C1608X5R0J106M080AB



Part Number: C1608X5R0J106M080AB

Manufacturer: TDK Corporation

Description: CAP CER 10UF 6.3V X5R 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

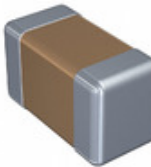
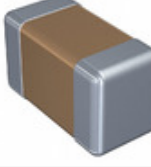
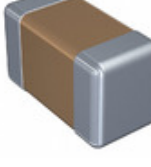
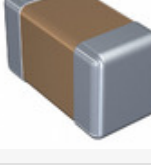
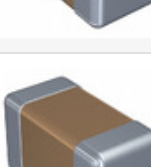
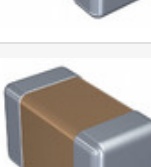
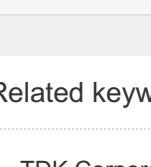
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                        |                                  |                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | C1608X5R0J106M080AB                                                    | Manufacturer                     | TDK Corporation                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 10UF 6.3V X5R 0603                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 456671 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                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                                             | Voltage - Rated                  | 6.3V                                                                                                                                               |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                                                                   | Thickness (Max)                  | 0.035" (0.90mm)                                                                                                                                    |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                           | X5R                                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                       | 445-4112-2<br>C1608X5R0J106M<br>C1608X5R0J106MT<br>C1608X5R0J106MTJ00N | Operating Temperature            | -55°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                                                                                                                                                                                                                                                                                                                                                                                              | 10µF ±20% 6.3V Ceramic Capacitor X5R 0603 (1608 Metric)                | Capacitance                      | 10µF                                                                                                                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                                        |                                  |                                                                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------|----------------|
|  | Part#: <a href="#">C1608X5R0J105K/10</a><br>Description: CAP CER 1UF 6.3V X5R 0603          | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J226M080AC</a><br>Description: CAP CER 22UF 6.3V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J105K</a><br>Description: CAP CER 1UF 6.3V X5R 0603             | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J106K080AE</a><br>Description: MLCC, SOFT TERMINATION, 0603, X5 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J225M080AB</a><br>Description: CAP CER 2.2UF 6.3V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J155M080AB</a><br>Description: CAP CER 1.5UF 6.3V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J225K080AB</a><br>Description: CAP CER 2.2UF 6.3V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J335K080AB</a><br>Description: CAP CER 3.3UF 6.3V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J106K080AB</a><br>Description: CAP CER 10UF 6.3V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0G226M080AA</a><br>Description: CAP CER 22UF 4V X5R 0603         | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J156M080AC</a><br>Description: CAP CER 15UF 6.3V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J475K080AB</a><br>Description: CAP CER 4.7UF 6.3V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608SL1A223J</a><br>Description: CAP CER 0.022UF 10V SL 0603            | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0G156M080AA</a><br>Description: CAP CER 15UF 4V X5R 0603         | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J105M</a><br>Description: CAP CER 1UF 6.3V X5R 0603             | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608SL1A153J</a><br>Description: CAP CER 0.015UF 10V SL 0603            | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J155K080AB</a><br>Description: CAP CER 1.5UF 6.3V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J335M080AB</a><br>Description: CAP CER 3.3UF 6.3V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0G106M</a><br>Description: CAP CER 10UF 4V X5R 0603              | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R0J225M/10</a><br>Description: CAP CER 2.2UF 6.3V X5R 0603        | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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