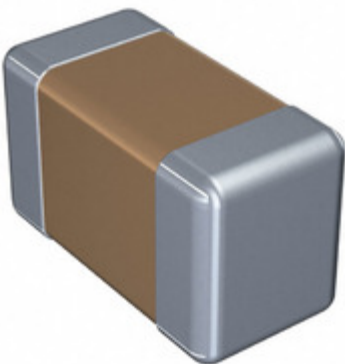


C1608X7R1V684K080AC





Part Number: C1608X7R1V684K080AC

Manufacturer: TDK Corporation

Description: CAP CER 0.68UF 35V X7R 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

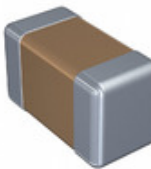
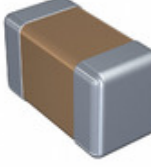
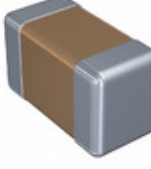
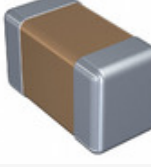
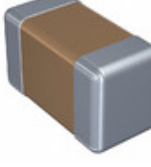
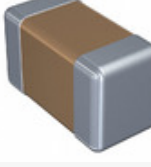
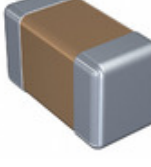
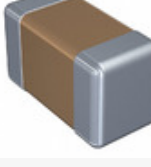
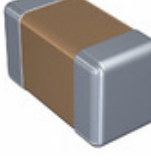
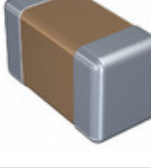
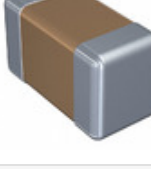
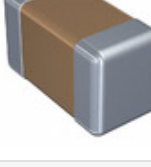
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                  |                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | C1608X7R1V684K080AC                                      | Manufacturer                     | TDK Corporation                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 0.68UF 35V X7R 0603                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 816963 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                  | 35V                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                     | Thickness (Max)                  | 0.035" (0.90mm)                                                                                                                                    |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                           | X7R                                                      | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.80mm)                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                        | Ratings                          | -                                                                                                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                         | Cut Tape (CT)                                            | Package / Case                   | 0603 (1608 Metric)                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                       | 445-14241-1                                              | 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                                                                                                                                                                                                                                                                                                                                                                                              | 0.68μF ±10% 35V Ceramic Capacitor X7R 0603 (1608 Metric) | Capacitance                      | 0.68μF                                                                                                                                             |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                          |                                  |                                                                                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all TDK Corporation series electronic components. We have 816963 pieces of TDK Corporation C1608X7R1V684K080AC in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                          |                                  |                                                                                                                                                    |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------|----------------|
|  | Part#: <a href="#">C1608X7R2A103K080AE</a><br>Description: CAP CER 10000PF 100V X7R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R2A102M/10</a><br>Description: CAP CER 1000PF 100V X7R 0603    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V224M080AB</a><br>Description: CAP CER 0.22UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R2A102K/10</a><br>Description: CAP CER 1000PF 100V X7R 0603    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V474M080AE</a><br>Description: CAP CER 0.47UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R2A102K080AA</a><br>Description: CAP CER 1000PF 100V X7R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V224K080AB</a><br>Description: CAP CER 0.22UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V154K080AB</a><br>Description: CAP CER 0.15UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R2A102M080AE</a><br>Description: CAP CER 1000PF 100V X7R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R2A103K/10</a><br>Description: CAP CER 10000PF 100V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V334M080AB</a><br>Description: CAP CER 0.33UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V474K080AB</a><br>Description: CAP CER 0.47UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V474M080AB</a><br>Description: CAP CER 0.47UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V474K080AE</a><br>Description: CAP CER 0.47UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V684M080AC</a><br>Description: CAP CER 0.68UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R2A103K080AA</a><br>Description: CAP CER 10000PF 100V X7R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V154M080AB</a><br>Description: CAP CER 0.15UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R1V334K080AB</a><br>Description: CAP CER 0.33UF 35V X7R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R2A102K080AE</a><br>Description: CAP CER 1000PF 100V X7R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X7R2A102M080AA</a><br>Description: CAP CER 1000PF 100V X7R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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