

C1608X5R1E684K080AC



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Part Number: C1608X5R1E684K080AC

Manufacturer: TDK Corporation

Description: CAP CER 0.68UF 25V X5R 0603

Data sheet:

PDF

C Series, General Datasheet

PDF

C Series, Gen Appl & Mid-Voltage Spec

PDF

MLCC Part Number Guide

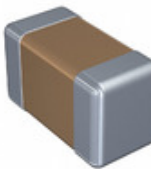
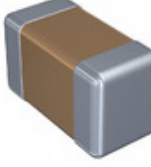
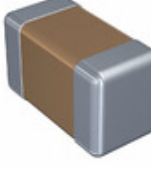
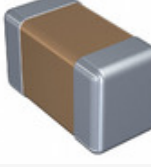
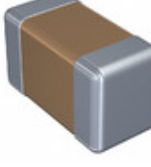
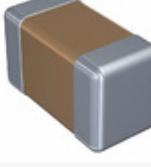
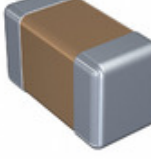
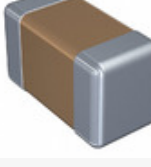
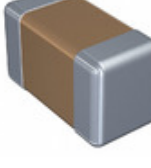
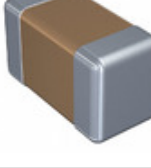
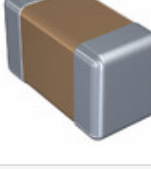
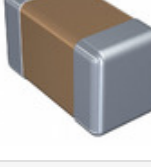
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                  |                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | C1608X5R1E684K080AC                                      | Manufacturer                     | TDK Corporation                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 0.68UF 25V X5R 0603                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 940125 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                  | 25V                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                     | 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                                                                                                                                                                                                                                                                                                                                                                                                         | Original-Reel®                                           | Package / Case                   | 0603 (1608 Metric)                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                       | 445-14143-6                                              | 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                                                                                                                                                                                                                                                                                                                                                                                              | 0.68µF ±10% 25V Ceramic Capacitor X5R 0603 (1608 Metric) | Capacitance                      | 0.68µF                                                                                                                                             |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                          |                                  |                                                                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------|----------------|
|  | Part#: <a href="#">C1608X5R1H103M080AA</a><br>Description: CAP CER 10000PF 50V X5R 0603     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1H105M080AB</a><br>Description: CAP CER 1UF 50V X5R 0603         | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1H105K080AB</a><br>Description: CAP CER 1UF 50V X5R 0603         | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E225M080AB</a><br>Description: CAP CER 2.2UF 25V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E335M080AC</a><br>Description: CAP CER 3.3UF 25V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E474M080AC</a><br>Description: CAP CER 0.47UF 25V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E225K080AE</a><br>Description: MLCC, SOFT TERMINATION, 0603, X5 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E685K080AC</a><br>Description: CAP CER 6.8UF 25V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E685M080AC</a><br>Description: CAP CER 6.8UF 25V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E335K080AC</a><br>Description: CAP CER 3.3UF 25V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E474K080AC</a><br>Description: CAP CER 0.47UF 25V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1H104M080AA</a><br>Description: CAP CER 0.1UF 50V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E475M080AC</a><br>Description: CAP CER 4.7UF 25V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E334K080AC</a><br>Description: CAP CER 0.33UF 25V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1H104K080AA</a><br>Description: CAP CER 0.1UF 50V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1H153K080AA</a><br>Description: CAP CER 0.015UF 50V X5R 0603     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E475K080AC</a><br>Description: CAP CER 4.7UF 25V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1E334M080AC</a><br>Description: CAP CER 0.33UF 25V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1608X5R1H103K080AA</a><br>Description: CAP CER 10000PF 50V X5R 0603     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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Related keywords for C1608X5R1E684K080AC

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