

C1608X7R1E105K080AE





Part Number: C1608X7R1E105K080AE

Manufacturer: TDK Corporation

Description: CAP CER 1UF 25V X7R 0603

Data sheet:  C Series, Soft Termination Datasheet  
 C Series, Soft Termination Spec

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                  |                                     |                                  |                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | C1608X7R1E105K080AE                 | Manufacturer                     | TDK Corporation                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 1UF 25V X7R 0603            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                 | 1034482 pcs                         | Data sheet                       | C Series, Soft Termination Datasheet<br>C Series, Soft Termination Spec |
| Category                                                                                                                                                                                                                                                                                                                                                                                                           | Capacitors                          | Voltage - Rated                  | 25V                                                                     |
| 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                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                    | Package / Case                   | 0603 (1608 Metric)                                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                        | 445-173615-2<br>C1608X7R1E105KT000S | Operating Temperature            | -55°C ~ 125°C                                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount, MLCC                 | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                    | 40 Weeks                            | Lead Style                       | -                                                                       |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                       | -                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                              |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                              | -                                   | Features                         | Soft Termination                                                        |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                       | -                                   | Detailed Description             | 1µF ±10% 25V Ceramic Capacitor X7R 0603 (1608 Metric)                   |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                        | 1µF                                 | Applications                     | Boardflex Sensitive                                                     |
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| RELATED PRODUCTS                                                                   |                                                                         |                                |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------|-----|
|  | Part#: C1608X7R1E104M080AA<br>Description: CAP CER 0.1UF 25V X7R 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1C683M<br>Description: CAP CER 0.068UF 16V X7R 0603      | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E105M080AE<br>Description: CAP CER 1UF 25V X7R 0603     | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E103K080AA<br>Description: CAP CER 10000PF 25V X7R 0603 | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E104K080AA<br>Description: CAP CER 0.1UF 25V X7R 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E103M<br>Description: CAP CER 10000PF 25V X7R 0603      | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E105K080AB<br>Description: CAP CER 1UF 25V X7R 0603     | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E224K080AC<br>Description: CAP CER 0.22UF 25V X7R 0603  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1C684K080AC<br>Description: CAP CER 0.68UF 16V X7R 0603  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E153M<br>Description: CAP CER 0.015UF 25V X7R 0603      | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E104K10<br>Description: CAP CER 0.1UF 25V X7R 0603      | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E154M080AA<br>Description: CAP CER 0.15UF 25V X7R 0603  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E153K<br>Description: CAP CER 0.015UF 25V X7R 0603      | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E154K080AA<br>Description: CAP CER 0.15UF 25V X7R 0603  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E223M<br>Description: CAP CER 0.022UF 25V X7R 0603      | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E224M080AC<br>Description: CAP CER 0.22UF 25V X7R 0603  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E103J<br>Description: CAP CER 10000PF 25V X7R 0603      | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E223K<br>Description: CAP CER 0.022UF 25V X7R 0603      | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7R1E105M080AB<br>Description: CAP CER 1UF 25V X7R 0603     | Manufacturers: TDK Corporation | RFQ |
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Related keywords for C1608X7R1E105K080AE

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