

C1608X7S1C155K080AC





Part Number: C1608X7S1C155K080AC

Manufacturer: TDK Corporation

Description: CAP CER 1.5UF 16V X7S 0603

Data sheet:  C Series, General Datasheet  
 C Series, Gen Appl & Mid-Voltage Spec  
 MLCC Part Number Guide

RoHs Status: Lead free / RoHS Compliant

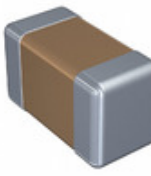
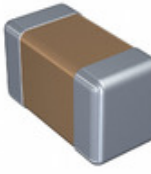
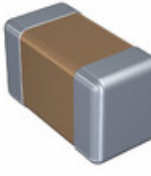
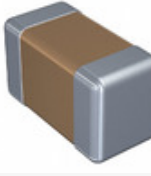
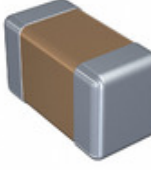
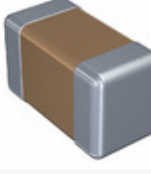
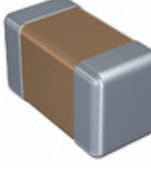
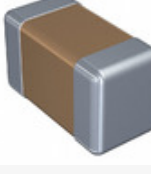
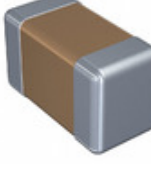
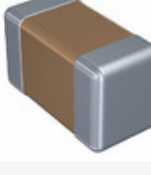
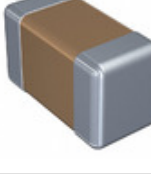
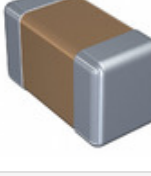
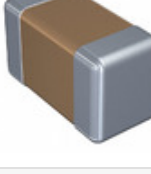
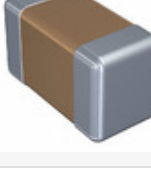
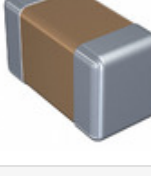
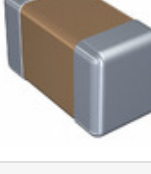
Ship From: Hong Kong

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                  |                                                         |                                  |                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | C1608X7S1C155K080AC                                     | Manufacturer                     | TDK Corporation                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 1.5UF 16V X7S 0603                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                 | 1180335 pcs                                             | Data sheet                       | C Series, General Datasheet<br>C Series, Gen Appl & Mid-Voltage Spec<br>MLCC Part Number Guide |
| Category                                                                                                                                                                                                                                                                                                                                                                                                           | Capacitors                                              | Voltage - Rated                  | 16V                                                                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                          | ±10%                                                    | Thickness (Max)                  | 0.035" (0.90mm)                                                                                |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                            | X7S                                                     | 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                                                                                                                                                                                                                                                                                                                                                                                                        | 445-174769-2<br>C1608X7S1C155KT000E                     | 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                                                                                                                                                                                                                                                                                                                                                                                               | 1.5µF ±10% 16V Ceramic Capacitor X7S 0603 (1608 Metric) | Capacitance                      | 1.5µF                                                                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                       | General Purpose                                         |                                  |                                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                          |                                |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------|-----|
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|  | Part#: C1608X7S1A475K080AC<br>Description: CAP CER 4.7UF 10V X7S 0603    | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7S1A335K080AC<br>Description: CAP CER 3.3UF 10V X7S 0603    | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7S2A104M080AB<br>Description: CAP CER 0.1UF 100V X7S 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7S1A475M080AC<br>Description: CAP CER 4.7UF 10V X7S 0603    | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7S2A104K080AB<br>Description: CAP CER 0.1UF 100V X7S 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7S0J475M080AC<br>Description: CAP CER 4.7UF 6.3V X7S 0603   | Manufacturers: TDK Corporation | RFQ |
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|  | Part#: C1608X7S1A225M080AC<br>Description: CAP CER 2.2UF 10V X7S 0603    | Manufacturers: TDK Corporation | RFQ |
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|  | Part#: C1608X7S2A104M080AE<br>Description: CAP CER 0.1UF 100V X7S 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7S2A333M080AB<br>Description: CAP CER 0.033UF 100V X7S 0603 | Manufacturers: TDK Corporation | RFQ |
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|  | Part#: C1608X7S0J685M080AC<br>Description: CAP CER 6.8UF 6.3V X7S 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7S0J685K080AC<br>Description: CAP CER 6.8UF 6.3V X7S 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608X7S1A335M080AC<br>Description: CAP CER 3.3UF 10V X7S 0603    | Manufacturers: TDK Corporation | RFQ |
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Related keywords for C1608X7S1C155K080AC

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