

C3216X8R1E475K160AC



Part Number: C3216X8R1E475K160AC

Manufacturer: TDK Corporation

Description: CAP CER 4.7UF 25V X8R 1206

Data sheet:  C Series, High Temp Appl Spec  
 C Series, High Temp Appl DataSheet

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |                                  |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | C3216X8R1E475K160AC                                     | Manufacturer                     | TDK Corporation                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 4.7UF 25V X8R 1206                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 280996 pcs                                              | Data sheet                       | C Series, High Temp Appl Spec<br>C Series, High Temp Appl DataSheet |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | Capacitors                                              | Voltage - Rated                  | 25V                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                    | Thickness (Max)                  | 0.071" (1.80mm)                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                           | X8R                                                     | Size / Dimension                 | 0.126" L x 0.063" W (3.20mm x 1.60mm)                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                       | Ratings                          | -                                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                        | Package / Case                   | 1206 (3216 Metric)                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                       | 445-174828-2<br>C3216X8R1E475KT000N                     | Operating Temperature            | -55°C ~ 150°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                                                                                                                                                                                                                                                                                                                                                                                                          | High Temperature                                        | Failure Rate                     | -                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                              | 4.7µF ±10% 25V Ceramic Capacitor X8R 1206 (3216 Metric) | Capacitance                      | 4.7µF                                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                         |                                  |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                             |                                |     |
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|  | Part#: C3216X8R1E335K160AC<br>Description: CAP CER 3.3UF 25V X8R 1206       | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C3216X8R1H105K160AB<br>Description: CAP CER 1UF 50V X8R 1206         | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C3216X8R1H105M160AE<br>Description: CAP CER 1UF 50V X8R 1206         | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C3216X8R1H105K160AE<br>Description: CAP CER 1UF 50V X8R 1206         | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C3216X8R1H154K085AA<br>Description: CAP CER 0.15UF 50V X8R 1206      | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C3216X8R1E684M115AA<br>Description: CAP CER 0.68UF 25V X8R 1206      | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C3216X8R1H105M160AB<br>Description: CAP CER 1UF 50V X8R 1206         | Manufacturers: TDK Corporation | RFQ |
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|  | Part#: C3216X8R1E334K085AA<br>Description: CAP CER 0.33UF 25V X8R 1206      | Manufacturers: TDK Corporation | RFQ |
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|  | Part#: C3216X8R1E334M085AA<br>Description: CAP CER 0.33UF 25V X8R 1206      | Manufacturers: TDK Corporation | RFQ |
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