

C3216X5R0J476M160AC



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Part Number: C3216X5R0J476M160AC

Manufacturer: TDK Corporation

Description: CAP CER 47UF 6.3V X5R 1206

Data sheet:

 C Series, General Datasheet

 C Series, Gen Appl & Mid-Voltage Spec

 MLCC Part Number Guide

 C3216X5R0J476M160AC Character Sheet

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                        |                                  |                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | C3216X5R0J476M160AC                                                    | Manufacturer                     | TDK Corporation                                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 47UF 6.3V X5R 1206                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 366397 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><br><a href="#">C3216X5R0J476M160AC Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                                             | Voltage - Rated                  | 6.3V                                                                                                                                                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                                                                   | Thickness (Max)                  | 0.071" (1.80mm)                                                                                                                                                                                           |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                           | X5R                                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                       | 445-1428-2<br>C3216X5R0J476M<br>C3216X5R0J476MT<br>C3216X5R0J476MT000N | 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                                                                                                                                                                                                                                                                                                                                                                                              | 47µF ±20% 6.3V Ceramic Capacitor X5R 1206 (3216 Metric)                | Capacitance                      | 47µF                                                                                                                                                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                                        |                                  |                                                                                                                                                                                                           |
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|  | Part#: <a href="#">C3216X5R0J106M1.60</a><br>Description: CAP CER 10UF 6.3V X5R 1206   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R0J156M</a><br>Description: CAP CER 15UF 6.3V X5R 1206       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216X5R0J686M160AB</a><br>Description: CAP CER 68UF 6.3V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R0J226K/1.60</a><br>Description: CAP CER 22UF 6.3V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1A225M/0.85</a><br>Description: CAP CER 2.2UF 10V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1A106M/8</a><br>Description: CAP CER 10UF 10V X5R 1206      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R0J226M085AC</a><br>Description: CAP CER 22UF 6.3V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1A107M160AC</a><br>Description: CAP CER 100UF 10V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216X5R0J107M160AB</a><br>Description: CAP CER 100UF 6.3V X5R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216X5R1A225K/1.15</a><br>Description: CAP CER 2.2UF 10V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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