

C3216X5R1C106M160AA



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**Part Number:** [C3216X5R1C106M160AA](#)

**Manufacturer:** [TDK Corporation](#)

**Description:** CAP CER 10UF 16V X5R 1206

**Data sheet:**  [C Series, General Datasheet](#)  
 [C3216X5R1C106M160AA Character Sheet](#)  
 [C Series, Gen Appl & Mid-Voltage Spec](#)  
 [MLCC Part Number Guide](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        |                                  |                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | C3216X5R1C106M160AA                                    | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CAP CER 10UF 16V X5R 1206                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 766378 pcs                                             | Data sheet                       | <a href="#">C Series, General Datasheet</a><br><a href="#">C3216X5R1C106M160AA Character Sheet</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                  | 16V                                                                                                                                                                                                       |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cut Tape (CT)                                          | Package / Case                   | 1206 (3216 Metric)                                                                                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 445-1426-1                                             | 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                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10µF ±20% 16V Ceramic Capacitor X5R 1206 (3216 Metric) | Capacitance                      | 10µF                                                                                                                                                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                     | General Purpose                                        |                                  |                                                                                                                                                                                                           |
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|  | Part#: <a href="#">C3216X5R1C335M/1.60</a><br>Description: CAP CER 3.3UF 16V X5R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216X5R1C225M/1.60</a><br>Description: CAP CER 2.2UF 16V X5R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3216X5R1C336M160AB</a><br>Description: CAP CER 33UF 16V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1C226M160AB</a><br>Description: CAP CER 22UF 16V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1A336M160AB</a><br>Description: CAP CER 33UF 10V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1C225K/1.60</a><br>Description: CAP CER 2.2UF 16V X5R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1A335M/1.15</a><br>Description: CAP CER 3.3UF 10V X5R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1C335K/1.60</a><br>Description: CAP CER 3.3UF 16V X5R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1C106K085AC</a><br>Description: CAP CER 10UF 16V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1A686M160AC</a><br>Description: CAP CER 68UF 10V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1A475K/8</a><br>Description: CAP CER 4.7UF 10V X5R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1C156M160AB</a><br>Description: CAP CER 15UF 16V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1C106K160AA</a><br>Description: CAP CER 10UF 16V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1A475K</a><br>Description: CAP CER 4.7UF 10V X5R 1206      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3216X5R1C106M085AC</a><br>Description: CAP CER 10UF 16V X5R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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