

C3216X7R1C105M



Part Number: [C3216X7R1C105M](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 1UF 16V X7R 1206

Data sheet:  [C Series, General](#)  
 [C Series, Gen Appl Spec](#)  
 [MLCC Part Number Guide](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                       |                                  |                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | C3216X7R1C105M                                        | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 1UF 16V X7R 1206                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 540571 pcs                                            | Data sheet                       | <a href="#">C Series, General</a><br><a href="#">C Series, Gen Appl Spec</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>                            | Voltage - Rated                  | 16V                                                                                                                    |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±20%                                                  | Thickness (Max)                  | 0.051" (1.30mm)                                                                                                        |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                     | X7R                                                   | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 445-4036-1                                            | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                     | Failure Rate                     | -                                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1µF ±20% 16V Ceramic Capacitor X7R 1206 (3216 Metric) | Capacitance                      | 1µF                                                                                                                    |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                | General Purpose                                       |                                  |                                                                                                                        |
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