

FG16X5R1E476MRT06





Part Number: [FG16X5R1E476MRT06](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 47UF 25V X5R RADIAL

Data sheet:  [FG16X5R1E476MRT06 Character Sheet](#)  
 [FG Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |                                  |                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FG16X5R1E476MRT06                           | Manufacturer                     | <a href="#">TDK Corporation</a>                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CAP CER 47UF 25V X5R RADIAL                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                             | 155401 pcs                                  | Data sheet                       | <a href="#">FG16X5R1E476MRT06 Character Sheet</a><br><a href="#">FG Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Capacitors</a>                  | Voltage - Rated                  | 25V                                                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ±20%                                        | Thickness (Max)                  | -                                                                              |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                        | X5R                                         | Size / Dimension                 | 0.217" L x 0.138" W (5.50mm x 3.50mm)                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FG                                          | Ratings                          | -                                                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tape & Box (TB)                             | Package / Case                   | Radial                                                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 445-173152<br>445-173152-3<br>445-173152-ND | Operating Temperature            | -55°C ~ 85°C                                                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Through Hole                                | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                  |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Formed Leads                                | Lead Spacing                     | 0.098" (2.50mm)                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                  | Height - Seated (Max)            | 0.236" (6.00mm)                                                                |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                           | Failure Rate                     | -                                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | 47µF ±20% 25V Ceramic Capacitor X5R Radial  | Capacitance                      | 47µF                                                                           |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                   | General Purpose                             |                                  |                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------|-----|
|  | Part#: <a href="#">FG16X5R1H685KRT00</a><br>Description: CAP CER 6.8UF 50V X5R RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16C0G2A223JNT00</a><br>Description: CAP CER 0.022UF 100V C0G RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16C0G2A223JNT06</a><br>Description: CAP CER 0.022UF 100V C0G RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16C0G2A333JNT06</a><br>Description: CAP CER 0.033UF 100V C0G RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16X5R1H106KRT00</a><br>Description: CAP CER 10PF 50V X5R RADIAL     | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16C0G2A153JNT06</a><br>Description: CAP CER 0.015UF 100V C0G RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16X7R1E155KNT00</a><br>Description: CAP CER 1.5UF 25V X7R RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16C0G2A473JRT06</a><br>Description: CAP CER 0.047UF 100V C0G RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16C0G2A333JNT00</a><br>Description: CAP CER 0.033UF 100V C0G RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16X7R1E106KRT06</a><br>Description: CAP CER 10UF 25V X7R RADIAL     | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16X7R1E105KNT06</a><br>Description: CAP CER 1UF 25V X7R RADIAL      | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16X5R1H106KRT06</a><br>Description: CAP CER 10UF 50V X5R RADIAL     | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16X5R1E336MRT00</a><br>Description: CAP CER 33UF 25V X5R RADIAL     | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16X5R1E336MRT06</a><br>Description: CAP CER 33UF 25V X5R RADIAL     | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
|  | Part#: <a href="#">FG16X7R1E105KNT00</a><br>Description: CAP CER 1UF 25V X7R RADIAL      | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
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|  | Part#: <a href="#">FG16X5R1H685KRT06</a><br>Description: CAP CER 6.8UF 50V X5R RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | RFQ |
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