

FG16X7R1H684KNT06



Part Number: [FG16X7R1H684KNT06](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 0.68UF 50V X7R RADIAL

Data sheet:  [FG16X7R1H684KNT06 Character Sheet](#)  
 [FG Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                              |                                 |                                                                                |
|----------------------------------|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------|
| Part Number                      | FG16X7R1H684KNT06                            | Manufacturer                    | <a href="#">TDK Corporation</a>                                                |
| Description                      | CAP CER 0.68UF 50V X7R RADIAL                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                     |
| Quantity Available               | 638892 pcs                                   | Data sheet                      | <a href="#">FG16X7R1H684KNT06 Character Sheet</a><br><a href="#">FG Series</a> |
| Category                         | <a href="#">Capacitors</a>                   | Voltage - Rated                 | 50V                                                                            |
| Tolerance                        | ±10%                                         | Thickness (Max)                 | -                                                                              |
| Temperature Coefficient          | X7R                                          | Size / Dimension                | 0.217" L x 0.138" W (5.50mm x 3.50mm)                                          |
| Series                           | FG                                           | Ratings                         | -                                                                              |
| Packaging                        | Tape & Box (TB)                              | Package / Case                  | Radial                                                                         |
| Operating Temperature            | -55°C ~ 125°C                                | Mounting Type                   | Through Hole                                                                   |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                | Manufacturer Standard Lead Time | 16 Weeks                                                                       |
| 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             | 0.68μF ±10% 50V Ceramic Capacitor X7R Radial | Capacitance                     | 0.68μF                                                                         |
| Applications                     | General Purpose                              |                                 |                                                                                |

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|  | Part#: <a href="#">FG16X7R1H475KRT00</a><br>Description: CAP CER 4.7UF 50V X7R RADIAL   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R2A334KNT00</a><br>Description: CAP CER 0.33UF 100V X7R RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R1H335KRT06</a><br>Description: CAP CER 3.3UF 50V X7R RADIAL   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R1H475KRT06</a><br>Description: CAP CER 4.7UF 50V X7R RADIAL   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R1H684KNT00</a><br>Description: CAP CER 0.68UF 50V X7R RADIAL  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R1H335KRT00</a><br>Description: CAP CER 3.3UF 50V X7R RADIAL   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R1E225KNT06</a><br>Description: CAP CER 2.2UF 25V X7R RADIAL   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R2A224KNT06</a><br>Description: CAP CER 0.22UF 100V X7R RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R1E685KRT00</a><br>Description: CAP CER 6.8UF 25V X7R RADIAL   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R1H474KNT00</a><br>Description: CAP CER 0.47UF 50V X7R RADIAL  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R2A154KNT00</a><br>Description: CAP CER 0.15UF 100V X7R RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R2A474KNT06</a><br>Description: CAP CER 0.47UF 100V X7R RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7R2A105KNT00</a><br>Description: CAP CER 1UF 100V X7R RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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