

FG18C0G1H050CNT06



**Part Number:** [FG18C0G1H050CNT06](#)

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

**Description:** CAP CER 5PF 50V C0G RADIAL

**Data sheet:**  [FG18C0G1H050CNT06 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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                               |                            |                                  |                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------|--------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FG18C0G1H050CNT06          | Manufacturer                     | <a href="#">TDK Corporation</a>                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CAP CER 5PF 50V C0G RADIAL | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1208720 pcs                | Data sheet                       | <a href="#">FG18C0G1H050CNT06 Character Sheet</a><br><a href="#">FG Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Capacitors</a> | Voltage - Rated                  | 50V                                                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ±0.25pF                    | Thickness (Max)                  | -                                                                              |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                         | C0G, NP0                   | Size / Dimension                 | 0.157" L x 0.098" W (4.00mm x 2.50mm)                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FG                         | Ratings                          | -                                                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cut Tape (CT)              | Package / Case                   | Radial                                                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 445-173166-1               | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.217" (5.50mm)            | Features                         | -                                                                              |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                          | Detailed Description             | 5pF ±0.25pF 50V Ceramic Capacitor C0G, NP0 Radial                              |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5pF                        | Applications                     | General Purpose                                                                |
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|  | Part#: <a href="#">FG18C0G1H020CNT00</a><br>Description: CAP CER 2PF 50V C0G RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG18C0G1H060DNT06</a><br>Description: CAP CER 6PF 50V C0G RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG18C0G1H010CNT00</a><br>Description: CAP CER 1PF 50V C0G RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG18C0G1H070DNT06</a><br>Description: CAP CER 7PF 50V C0G RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">FG18C0G1H100DNT06</a><br>Description: CAP CER 10PF 50V C0G RADIAL   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">FG18C0G1H040CNT00</a><br>Description: CAP CER 4PF 50V C0G RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG18C0G1H070DNT00</a><br>Description: CAP CER 7PF 50V C0G RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG18C0G1H030CNT00</a><br>Description: CAP CER 3PF 50V C0G RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">FG18C0G1H040CNT06</a><br>Description: CAP CER 4PF 50V C0G RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">FG18C0G1H090DNT06</a><br>Description: CAP CER 9PF 50V C0G RADIAL    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FG16X7S2A335KRT06</a><br>Description: CAP CER 3.3UF 100V X7S RADIAL | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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