

## C0402C0G1C050C020BC



**Part Number:** [C0402C0G1C050C020BC](#)

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

**Description:** CAP CER 5PF 16V C0G 01005

**Data sheet:** [PDF C Series, General Datasheet](#)

[PDF C0402C0G1C050C020BC Character Sheet](#)

[PDF C Series, Gen Appl & Mid-Voltage Spec](#)

[PDF MLCC Part Number Guide](#)

**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

<b>Part Number</b>	C0402C0G1C050C020BC	<b>Manufacturer</b>	<a href="#">TDK Corporation</a>
<b>Description</b>	CAP CER 5PF 16V C0G 01005	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	1717836 pcs	<b>Data sheet</b>	<a href="#">C Series, General Datasheet</a> <a href="#">C0402C0G1C050C020BC Character Sheet</a> <a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a> <a href="#">MLCC Part Number Guide</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	16V
<b>Tolerance</b>	±0.25pF	<b>Thickness (Max)</b>	0.009" (0.22mm)
<b>Temperature Coefficient</b>	C0G, NP0	<b>Size / Dimension</b>	0.016" L x 0.008" W (0.40mm x 0.20mm)
<b>Series</b>	C	<b>Ratings</b>	-
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	01005 (0402 Metric)
<b>Other Names</b>	445-5446-2 C0402C0G1C050C C0402C0G1C050CT00NN	<b>Operating Temperature</b>	-55°C ~ 125°C
<b>Mounting Type</b>	Surface Mount, MLCC	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Style</b>	-	<b>Lead Spacing</b>	-
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Height - Seated (Max)</b>	-
<b>Features</b>	Low ESL	<b>Failure Rate</b>	-
<b>Detailed Description</b>	5pF ±0.25pF 16V Ceramic Capacitor C0G, NP0 01005 (0402 Metric)	<b>Capacitance</b>	5pF
<b>Applications</b>	General Purpose		

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	<b>Part#:</b> <a href="#">C0402C0G1C080B</a> <b>Description:</b> CAP CER 8PF 16V C0G 01005	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
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