

**C1005C0G1H271J050BA**



**Part Number:** [C1005C0G1H271J050BA](#)  
**Manufacturer:** [TDK Corporation](#)  
**Description:** CAP CER 270PF 50V C0G 0402  
**Data sheet:** [PDF C Series, General Datasheet](#)  
[PDF C Series, Gen Appl & Mid-Voltage Spec](#)  
[PDF MLCC Part Number Guide](#)  
[PDF C1005C0G1H271J050BA Character Sheet](#)

**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**

<b>Part Number</b>	C1005C0G1H271J050BA	<b>Manufacturer</b>	<a href="#">TDK Corporation</a>
<b>Description</b>	CAP CER 270PF 50V C0G 0402	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	5470684 pcs	<b>Data sheet</b>	<a href="#">C Series, General Datasheet</a> <a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a> <a href="#">MLCC Part Number Guide</a> <a href="#">C1005C0G1H271J050BA Character Sheet</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	50V
<b>Tolerance</b>	±5%	<b>Thickness (Max)</b>	0.022" (0.55mm)
<b>Temperature Coefficient</b>	C0G, NP0	<b>Size / Dimension</b>	0.039" L x 0.020" W (1.00mm x 0.50mm)
<b>Series</b>	C	<b>Ratings</b>	-
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	0402 (1005 Metric)
<b>Other Names</b>	445-1252-2 C1005C0G1H271J C1005C0G1H271J-ND C1005C0G1H271JT C1005C0G1H271JT-ND C1005C0G1H271JT000F C1005C0G1H271J	<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>	270pF ±5% 50V Ceramic Capacitor C0G, NP0 0402 (1005 Metric)	<b>Capacitance</b>	270pF
<b>Applications</b>	General Purpose		

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**RELATED PRODUCTS**

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	<b>Part#:</b> <a href="#">C1005C0G1H2R7B</a> <b>Description:</b> CAP CER 2.7PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H271J/50</a> <b>Description:</b> CAP CER 270PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H270J050BA</a> <b>Description:</b> CAP CER 27PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H221G050BA</a> <b>Description:</b> CAP CER 220PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H221F050BA</a> <b>Description:</b> CAP CER 220PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H221J/50</a> <b>Description:</b> CAP CER 220PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H221J050BA</a> <b>Description:</b> CAP CER 220PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H2R2B</a> <b>Description:</b> CAP CER 2.2PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H330J/50</a> <b>Description:</b> CAP CER 33PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H300J</a> <b>Description:</b> CAP CER 30PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H221K050BA</a> <b>Description:</b> CAP CER 220PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H2R7C</a> <b>Description:</b> CAP CER 2.7PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H330F050BA</a> <b>Description:</b> CAP CER 33PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H330G050BA</a> <b>Description:</b> CAP CER 33PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H240J</a> <b>Description:</b> CAP CER 24PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H270J/50</a> <b>Description:</b> CAP CER 27PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H220J050BA</a> <b>Description:</b> CAP CER 22PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H271K050BA</a> <b>Description:</b> CAP CER 270PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1005C0G1H2R5C</a> <b>Description:</b> CAP CER 2.5PF 50V C0G 0402	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>

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