

## CGA2B2X8R1H102M050BE



**Part Number:** [CGA2B2X8R1H102M050BE](#)

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

**Description:** CAP CER 1000PF 50V X8R 0402

**Data sheet:** [CGA Series, Automotive Soft Term Datasheet](#)

**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>	CGA2B2X8R1H102M050BE	<b>Manufacturer</b>	<a href="#">TDK Corporation</a>
<b>Description</b>	CAP CER 1000PF 50V X8R 0402	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	1483004 pcs	<b>Data sheet</b>	<a href="#">CGA Series, Automotive Soft Term Datasheet</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	50V
<b>Tolerance</b>	±20%	<b>Thickness (Max)</b>	0.024" (0.60mm)
<b>Temperature Coefficient</b>	X8R	<b>Size / Dimension</b>	0.039" L x 0.020" W (1.00mm x 0.50mm)
<b>Series</b>	CGA	<b>Ratings</b>	AEC-Q200
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	0402 (1005 Metric)
<b>Other Names</b>	CGA2B2X8R1H102MTOY0S	<b>Operating Temperature</b>	-55°C ~ 150°C
<b>Mounting Type</b>	Surface Mount, MLCC	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Standard Lead Time</b>	40 Weeks	<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>	Soft Termination
<b>Failure Rate</b>	-	<b>Detailed Description</b>	1000pF ±20% 50V Ceramic Capacitor X8R 0402 (1005 Metric)
<b>Capacitance</b>	1000pF	<b>Applications</b>	Automotive, Boardflex Sensitive

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">CGA2B2X8R1H151K050BE</a>	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Description:</b> CAP CER 150PF 50V X8R 0402		
	<b>Part#:</b> <a href="#">CGA2B2X8R1H151M050BE</a>	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Description:</b> CAP CER 150PF 50V X8R 0402		
	<b>Part#:</b> <a href="#">CGA2B2X8R1E682M050BE</a>	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Description:</b> CAP CER 6800PF 25V X8R 0402		
	<b>Part#:</b> <a href="#">CGA2B2X8R1H152K050BE</a>	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
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	<b>Description:</b> CAP CER 150PF 50V X8R 0402		
	<b>Part#:</b> <a href="#">CGA2B2X8R1H102M050BD</a>	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
<small>Epoxy Mounting Only</small>	<b>Description:</b> CAP CER 1000PF 50V X8R 0402		
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