

C1005X6S1C105K050BC



Part Number: [C1005X6S1C105K050BC](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 1UF 16V X6S 0402

Data sheet: [PDF C Series, General Datasheet](#)
[PDF C Series, Gen Appl & Mid-Voltage Spec](#)
[PDF MLCC Part Number Guide](#)
[PDF C1005X6S1C105K050BC Character Sheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	C1005X6S1C105K050BC	Manufacturer	TDK Corporation
Description	CAP CER 1UF 16V X6S 0402	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2789213 pcs	Data sheet	C Series, General Datasheet C Series, Gen Appl & Mid-Voltage Spec MLCC Part Number Guide C1005X6S1C105K050BC Character Sheet
Category	Capacitors	Voltage - Rated	16V
Tolerance	±10%	Thickness (Max)	0.022" (0.55mm)
Temperature Coefficient	X6S	Size / Dimension	0.039" L x 0.020" W (1.00mm x 0.50mm)
Series	C	Ratings	-
Packaging	Tape & Reel (TR)	Package / Case	0402 (1005 Metric)
Other Names	445-9086-2 C1005X6S1C105K C1005X6S1C105KT000E	Operating Temperature	-55°C ~ 105°C
Mounting Type	Surface Mount, MLCC	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Style	-	Lead Spacing	-
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Height - Seated (Max)	-
Features	Low ESL	Failure Rate	-
Detailed Description	1µF ±10% 16V Ceramic Capacitor X6S 0402 (1005 Metric)	Capacitance	1µF
Applications	General Purpose		
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RELATED PRODUCTS			
	Part#: C1005X6S1A225K050BC Description: CAP CER 2.2UF 10V X6S 0402	Manufacturers: TDK Corporation	RFQ
	Part#: C1005X6S1C154K050BB Description: CAP CER 0.15UF 16V X6S 0402	Manufacturers: TDK Corporation	RFQ
	Part#: C1005X6S1A334K050BC Description: CAP CER 0.33UF 10V X6S 0402	Manufacturers: TDK Corporation	RFQ
	Part#: C1005X6S1A225M050BC Description: CAP CER 2.2UF 10V X6S 0402	Manufacturers: TDK Corporation	RFQ
	Part#: C1005X6S1C224K050BB Description: CAP CER 0.22UF 16V X6S 0402	Manufacturers: TDK Corporation	RFQ
	Part#: C1005X6S1A684M050BC Description: CAP CER 0.68UF 10V X6S 0402	Manufacturers: TDK Corporation	RFQ
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	Part#: C1005X6S1C225K050BC Description: CAP CER 2.2UF 16V X6S 0402	Manufacturers: TDK Corporation	RFQ
	Part#: C1005X6S1C155K050BC Description: CAP CER 1.5UF 16V X6S 0402	Manufacturers: TDK Corporation	RFQ
	Part#: C1005X6S1A474M050BC Description: CAP CER 0.47UF 10V X6S 0402	Manufacturers: TDK Corporation	RFQ
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