

## C2012X7T2W223K125AE



**Part Number:** [C2012X7T2W223K125AE](#)  
**Manufacturer:** [TDK Corporation](#)  
**Description:** CAP CER 0.022UF 450V X7T 0805  
**Data sheet:** [PDF C Series, Soft Termination Datasheet](#)  
[PDF C Series, Soft Termination Spec](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

<b>Part Number</b>	C2012X7T2W223K125AE	<b>Manufacturer</b>	<a href="#">TDK Corporation</a>
<b>Description</b>	CAP CER 0.022UF 450V X7T 0805	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	1456022 pcs	<b>Data sheet</b>	<a href="#">C Series, Soft Termination Datasheet</a> <a href="#">C Series, Soft Termination Spec</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage Rating - AC</b>	-
<b>Voltage - Rated</b>	450V	<b>Tolerance</b>	0.022µF
<b>Thickness (Max)</b>	X7T	<b>Surface Mount Land Size</b>	-
<b>Size / Dimension</b>	0.080" L x 0.050" W (2.03mm x 1.27mm)	<b>Series</b>	C
<b>RoHS Status</b>	Tape & Reel (TR)	<b>Ripple Current - Low Frequency</b>	Boardflex Sensitive
<b>Ratings</b>	-	<b>Polarization</b>	0805 (2012 Metric)
<b>Other Names</b>	445-8881-2 C2012X7T2W223K/SOFT C2012X7T2W223KT000S	<b>Operating Temperature</b>	-55°C ~ 125°C
<b>Mounting Type</b>	Surface Mount, MLCC	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Part Number</b>	C2012X7T2W223K125AE	<b>Lead Style</b>	0.049" (1.25mm)
<b>Height - Seated (Max)</b>	-	<b>Features</b>	Soft Termination
<b>Failure Rate</b>	-	<b>Expanded Description</b>	0.022µF ±10% 450V Ceramic Capacitor X7T 0805 (2012 Metric)
<b>ESR (Equivalent Series Resistance)</b>	±10%	<b>Description</b>	CAP CER 0.022UF 450V X7T 0805

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">C2012X7T2W153K085AA</a> <b>Description:</b> CAP CER 0.015UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8L0J106K125AC</a> <b>Description:</b> CAP CER 10UF 6.3V X8L 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W223M125AE</a> <b>Description:</b> CAP CER 0.022UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W333K125AA</a> <b>Description:</b> CAP CER 0.033UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W473K125AE</a> <b>Description:</b> CAP CER 0.047UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W223K125AA</a> <b>Description:</b> CAP CER 0.022UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2V473M125AA</a> <b>Description:</b> CAP CER 0.047UF 350V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2V333M125AA</a> <b>Description:</b> CAP CER 0.033UF 350V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W333M125AA</a> <b>Description:</b> CAP CER 0.033UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W103K085AA</a> <b>Description:</b> CAP CER 10000PF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W153M085AA</a> <b>Description:</b> CAP CER 0.015UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2V473K125AA</a> <b>Description:</b> CAP CER 0.047UF 350V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W473K125AA</a> <b>Description:</b> CAP CER 0.047UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W103K085AE</a> <b>Description:</b> CAP CER 10000PF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W473M125AA</a> <b>Description:</b> CAP CER 0.047UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8L0J685K125AC</a> <b>Description:</b> CAP CER 6.8UF 6.3V X8L 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W473M125AE</a> <b>Description:</b> CAP CER 0.047UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W103M085AA</a> <b>Description:</b> CAP CER 10000PF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W223M125AA</a> <b>Description:</b> CAP CER 0.022UF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X7T2W103M085AE</a> <b>Description:</b> CAP CER 10000PF 450V X7T 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>

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