

## C2012X8R1E105K125AE



**Part Number:** [C2012X8R1E105K125AE](#)

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

**Description:** CAP CER 1UF 25V X8R 0805

**Data sheet:** [C Series, Soft Termination Datasheet](#)

[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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See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	C2012X8R1E105K125AE	<b>Manufacturer</b>	<a href="#">TDK Corporation</a>
<b>Description</b>	CAP CER 1UF 25V X8R 0805	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	340761 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 - Rated</b>	25V
<b>Tolerance</b>	±10%	<b>Thickness (Max)</b>	0.059" (1.50mm)
<b>Temperature Coefficient</b>	X8R	<b>Size / Dimension</b>	0.079" L x 0.049" W (2.00mm x 1.25mm)
<b>Series</b>	C	<b>Ratings</b>	-
<b>Packaging</b>	Cut Tape (CT)	<b>Package / Case</b>	0805 (2012 Metric)
<b>Other Names</b>	445-174806-1	<b>Operating Temperature</b>	-55°C ~ 150°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>	Soft Termination, High Temperature	<b>Failure Rate</b>	-
<b>Detailed Description</b>	1µF ±10% 25V Ceramic Capacitor X8R 0805 (2012 Metric)	<b>Capacitance</b>	1µF
<b>Applications</b>	General Purpose		

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">C2012X8R1E154K085AE</a> <b>Description:</b> CAP CER 0.15UF 25V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1E224K125AE</a> <b>Description:</b> CAP CER 0.22UF 25V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1C105K125AB</a> <b>Description:</b> CAP CER 1UF 16V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1E154M085AA</a> <b>Description:</b> CAP CER 0.15UF 25V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1E224K125AA</a> <b>Description:</b> CAP CER 0.22UF 25V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1E154K085AA</a> <b>Description:</b> CAP CER 0.15UF 25V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1C105K125AE</a> <b>Description:</b> CAP CER 1UF 16V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1E224M125AA</a> <b>Description:</b> CAP CER 0.22UF 25V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1C684K125AE</a> <b>Description:</b> CAP CER 0.68UF 16V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1E154K1.25</a> <b>Description:</b> CAP CER 0.15UF 25V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1C684M125AE</a> <b>Description:</b> CAP CER 0.68UF 16V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1E154M085AE</a> <b>Description:</b> CAP CER 0.15UF 25V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1C684K125AB</a> <b>Description:</b> CAP CER 0.68UF 16V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8L1E225K125AB</a> <b>Description:</b> CAP CER 2.2UF 25V X8L 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1E105K125AC</a> <b>Description:</b> CAP CER 1UF 25V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1C684M125AB</a> <b>Description:</b> CAP CER 0.68UF 16V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1E224M125AE</a> <b>Description:</b> CAP CER 0.22UF 25V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1E105M125AE</a> <b>Description:</b> MLCC, SOFT TERMINATION, 0805, X8	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1C105M125AB</a> <b>Description:</b> CAP CER 1UF 16V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C2012X8R1C105M125AE</a> <b>Description:</b> CAP CER 1UF 16V X8R 0805	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>

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