

# 1812Y0250105MXT



**Part Number:** 1812Y0250105MXT  
**Manufacturer:** Knowles Syfer  
**Description:** CAP CER 1UF 25V X7R 1812  
**Data sheet:** [MLCC Capacitor Datasheet](#)  
[MLCC Catalog](#)

**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>	1812Y0250105MXT	<b>Manufacturer</b>	<a href="#">Knowles Syfer</a>
<b>Description</b>	CAP CER 1UF 25V X7R 1812	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	80808 pcs	<b>Data sheet</b>	<a href="#">MLCC Capacitor Datasheet</a> <a href="#">MLCC Catalog</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	25V
<b>Tolerance</b>	±20%	<b>Thickness (Max)</b>	0.098" (2.50mm)
<b>Temperature Coefficient</b>	X7R (2R1)	<b>Size / Dimension</b>	0.177" L x 0.126" W (4.50mm x 3.20mm)
<b>Series</b>	FlexiCap™	<b>Ratings</b>	-
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	1812 (4532 Metric)
<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 Standard Lead Time</b>	8 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>	1µF ±20% 25V Ceramic Capacitor X7R (2R1) 1812 (4532 Metric)	<b>Capacitance</b>	1µF
<b>Applications</b>	Boardflex Sensitive		

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## RELATED PRODUCTS

	<b>Part#:</b> <a href="#">1812Y0250105JXR</a> <b>Description:</b> CAP CER 1UF 25V X7R 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250120FFT</a> <b>Description:</b> CAP CER 12PF 25V C0G/NP0 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250120FFR</a> <b>Description:</b> CAP CER 12PF 25V C0G/NP0 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250105MDT</a> <b>Description:</b> CAP CER 1UF 25V X7R 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250105JXT</a> <b>Description:</b> CAP CER 1UF 25V X7R 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250120JCR</a> <b>Description:</b> CAP CER 12PF 25V C0G/NP0 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250105KXT</a> <b>Description:</b> CAP CER 1UF 25V X7R 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250120GFR</a> <b>Description:</b> CAP CER 12PF 25V C0G/NP0 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250105KDT</a> <b>Description:</b> CAP CER 1UF 25V X7R 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250120GCT</a> <b>Description:</b> CAP CER 12PF 25V C0G/NP0 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250120FCT</a> <b>Description:</b> CAP CER 12PF 25V C0G/NP0 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250120GCR</a> <b>Description:</b> CAP CER 12PF 25V C0G/NP0 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250105KDR</a> <b>Description:</b> CAP CER 1UF 25V X7R 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250105JDT</a> <b>Description:</b> CAP CER 1UF 25V X7R 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250105KXR</a> <b>Description:</b> CAP CER 1UF 25V X7R 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250105MXR</a> <b>Description:</b> CAP CER 1UF 25V X7R 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250105MDR</a> <b>Description:</b> CAP CER 1UF 25V X7R 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250120JCT</a> <b>Description:</b> CAP CER 12PF 25V C0G/NP0 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250120FCR</a> <b>Description:</b> CAP CER 12PF 25V C0G/NP0 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1812Y0250120GFT</a> <b>Description:</b> CAP CER 12PF 25V C0G/NP0 1812	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>

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