

**0603Y0250682MXT**



**Part Number:** [0603Y0250682MXT](#)  
**Manufacturer:** [Knowles Syfer](#)  
**Description:** CAP CER 6800PF 25V X7R 0603  
**Data sheet:** [MLCC Capacitor Datasheet](#)  
[MLCC Catalog](#)

**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>	0603Y0250682MXT	<b>Manufacturer</b>	<a href="#">Knowles Syfer</a>
<b>Description</b>	CAP CER 6800PF 25V X7R 0603	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	433448 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>	0.032" (0.80mm)
<b>Temperature Coefficient</b>	X7R (2R1)	<b>Size / Dimension</b>	0.063" L x 0.032" W (1.60mm x 0.80mm)
<b>Series</b>	FlexiCap™	<b>Ratings</b>	-
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	0603 (1608 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, High Temperature	<b>Failure Rate</b>	-
<b>Detailed Description</b>	6800pF ±20% 25V Ceramic Capacitor X7R (2R1) 0603 (1608 Metric)	<b>Capacitance</b>	6800pF
<b>Applications</b>	High Reliability, Boardflex Sensitive		

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**RELATED PRODUCTS**

	<b>Part#:</b> <a href="#">0603Y0250682MXR</a> <b>Description:</b> CAP CER 6800PF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250682KXT</a> <b>Description:</b> CAP CER 6800PF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250682JXR</a> <b>Description:</b> CAP CER 6800PF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250820FCT</a> <b>Description:</b> CAP CER 82PF 25V C0G/NP0 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250683KXT</a> <b>Description:</b> CAP CER 0.068UF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250820FFR</a> <b>Description:</b> CAP CER 82PF 25V C0G/NP0 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250682KDT</a> <b>Description:</b> CAP CER 6800PF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250683MXT</a> <b>Description:</b> CAP CER 0.068UF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250682KDR</a> <b>Description:</b> CAP CER 6800PF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250682KXR</a> <b>Description:</b> CAP CER 6800PF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250682MDR</a> <b>Description:</b> CAP CER 6800PF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250683JXR</a> <b>Description:</b> CAP CER 0.068UF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250683MXR</a> <b>Description:</b> CAP CER 0.068UF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250682JXT</a> <b>Description:</b> CAP CER 6800PF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250820FCR</a> <b>Description:</b> CAP CER 82PF 25V C0G/NP0 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250682MDT</a> <b>Description:</b> CAP CER 6800PF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250683KXR</a> <b>Description:</b> CAP CER 0.068UF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250820FFT</a> <b>Description:</b> CAP CER 82PF 25V C0G/NP0 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250682JDT</a> <b>Description:</b> CAP CER 6800PF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603Y0250683JXT</a> <b>Description:</b> CAP CER 0.068UF 25V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>

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