

# 1825Y6K00681JXR



**Part Number:** [1825Y6K00681JXR](#)  
**Manufacturer:** [Knowles Syfer](#)  
**Description:** CAP CER 680PF 6KV X7R 1825  
**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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 See Product Specifications for product details.  
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## PRODUCT PARAMETER

<b>Part Number</b>	1825Y6K00681JXR	<b>Manufacturer</b>	<a href="#">Knowles Syfer</a>
<b>Description</b>	CAP CER 680PF 6KV X7R 1825	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	73892 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>	6000V (6kV)
<b>Tolerance</b>	±5%	<b>Thickness (Max)</b>	0.098" (2.50mm)
<b>Temperature Coefficient</b>	X7R (2R1)	<b>Size / Dimension</b>	0.177" L x 0.252" W (4.50mm x 6.40mm)
<b>Series</b>	FlexiCap™	<b>Ratings</b>	-
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	1825 (4564 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>	680pF ±5% 6000V (6kV) Ceramic Capacitor X7R (2R1) 1825 (4564 Metric)	<b>Capacitance</b>	680pF
<b>Applications</b>	Boardflex Sensitive		

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## RELATED PRODUCTS

	<b>Part#:</b> <a href="#">1825Y6K00681KXT</a> <b>Description:</b> CAP CER 680PF 6KV X7R 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00680GCT</a> <b>Description:</b> CAP CER 68PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00820FCT</a> <b>Description:</b> CAP CER 82PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00680JCR</a> <b>Description:</b> CAP CER 68PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00820JCR</a> <b>Description:</b> CAP CER 82PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00680KCR</a> <b>Description:</b> CAP CER 68PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00680GCR</a> <b>Description:</b> CAP CER 68PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00681JXT</a> <b>Description:</b> CAP CER 680PF 6KV X7R 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00681MXT</a> <b>Description:</b> CAP CER 680PF 6KV X7R 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00680FCR</a> <b>Description:</b> CAP CER 68PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00561MXT</a> <b>Description:</b> CAP CER 560PF 6KV X7R 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00680JCT</a> <b>Description:</b> CAP CER 68PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00681KXR</a> <b>Description:</b> CAP CER 680PF 6KV X7R 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00680KCT</a> <b>Description:</b> CAP CER 68PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00820GCR</a> <b>Description:</b> CAP CER 82PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00820GCT</a> <b>Description:</b> CAP CER 82PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1825Y6K00820FCR</a> <b>Description:</b> CAP CER 82PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">1825Y6K00680FCT</a> <b>Description:</b> CAP CER 68PF 6KV C0G/NP0 1825	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
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