

## 1808Y0160682GCT



**Part Number:** 1808Y0160682GCT  
**Manufacturer:** Knowles Syfer  
**Description:** CAP CER 6800PF 16V C0G/NP0 1808  
**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>	1808Y0160682GCT	<b>Manufacturer</b>	<a href="#">Knowles Syfer</a>
<b>Description</b>	CAP CER 6800PF 16V C0G/NP0 1808	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	97222 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>	16V
<b>Tolerance</b>	±2%	<b>Thickness (Max)</b>	0.079" (2.00mm)
<b>Temperature Coefficient</b>	C0G, NP0 (1B)	<b>Size / Dimension</b>	0.177" L x 0.079" W (4.50mm x 2.00mm)
<b>Series</b>	FlexiCap™	<b>Ratings</b>	-
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	1808 (4520 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>	6800pF ±2% 16V Ceramic Capacitor C0G, NP0 (1B) 1808 (4520 Metric)	<b>Capacitance</b>	6800pF
<b>Applications</b>	Boardflex Sensitive		

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">1808Y0160682JDT</a> <b>Description:</b> CAP CER 6800PF 16V X7R 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682GCR</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160681KXT</a> <b>Description:</b> CAP CER 6800PF 16V X7R 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160681MXT</a> <b>Description:</b> CAP CER 6800PF 16V X7R 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682FFR</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682FCT</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682JCR</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160681MDR</a> <b>Description:</b> CAP CER 6800PF 16V X7R 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682JCT</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682FCR</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160681MXR</a> <b>Description:</b> CAP CER 6800PF 16V X7R 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682JFR</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682GFR</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682FFT</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682JXR</a> <b>Description:</b> CAP CER 6800PF 16V X7R 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160681MDT</a> <b>Description:</b> CAP CER 6800PF 16V X7R 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682JFT</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682GFT</a> <b>Description:</b> CAP CER 6800PF 16V C0G/NP0 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682JDR</a> <b>Description:</b> CAP CER 6800PF 16V X7R 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">1808Y0160682JXT</a> <b>Description:</b> CAP CER 6800PF 16V X7R 1808	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>

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