

## 0805Y5000680KAT



**Part Number:** [0805Y5000680KAT](#)  
**Manufacturer:** [Knowles Syfer](#)  
**Description:** CAP CER 68PF 500V C0G/NP0 0805  
**Data sheet:** [AEC-Q200 Automotive Datasheet](#)

**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>	0805Y5000680KAT	<b>Manufacturer</b>	<a href="#">Knowles Syfer</a>
<b>Description</b>	CAP CER 68PF 500V C0G/NP0 0805	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	270690 pcs	<b>Data sheet</b>	<a href="#">AEC-Q200 Automotive Datasheet</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	500V
<b>Tolerance</b>	±10%	<b>Thickness (Max)</b>	0.051" (1.30mm)
<b>Temperature Coefficient</b>	C0G, NP0 (1B)	<b>Size / Dimension</b>	0.079" L x 0.049" W (2.00mm x 1.25mm)
<b>Series</b>	FlexiCap™	<b>Ratings</b>	AEC-Q200
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	0805 (2012 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>	9 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>	68pF ±10% 500V Ceramic Capacitor C0G, NP0 (1B) 0805 (2012 Metric)	<b>Capacitance</b>	68pF
<b>Applications</b>	Automotive, Boardflex Sensitive		

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">0805Y5000680KCR</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000681JET</a> <b>Description:</b> CAP CER 680PF 500V X7R 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680KFT</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680JCR</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680JFT</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680JAT</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680JQT</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680JCT</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680JAR</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000681JDR</a> <b>Description:</b> CAP CER 680PF 500V X7R 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680KQT</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680KAR</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680GFT</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000681JER</a> <b>Description:</b> CAP CER 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680KFR</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680KCT</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000681JXR</a> <b>Description:</b> CAP CER 680PF 500V X7R 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680GQT</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000681JDT</a> <b>Description:</b> CAP CER 680PF 500V X7R 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0805Y5000680JFR</a> <b>Description:</b> CAP CER 68PF 500V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">Knowles Syfer</a>	<a href="#">RFQ</a>

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