

## C0603X508B1HACAUTO



**Part Number:** C0603X508B1HACAUTO  
**Manufacturer:** KEMET  
**Description:** CAP CER 0603 0.5PF 100V ULTRA ST  
**Data sheet:** FT-CAP, Ultra Stable, X8R Dielectric

**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>	C0603X508B1HACAUTO	<b>Manufacturer</b>	<a href="#">KEMET</a>	
<b>Description</b>	CAP CER 0603 0.5PF 100V ULTRA ST	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	
<b>Quantity Available</b>	1637518 pcs	<b>Data sheet</b>	<a href="#">FT-CAP, Ultra Stable, X8R Dielectric</a>	
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	100V	
<b>Tolerance</b>	±0.1pF	<b>Thickness (Max)</b>	0.037" (0.95mm)	
<b>Temperature Coefficient</b>	X8R	<b>Size / Dimension</b>	0.063" L x 0.032" W (1.60mm x 0.80mm)	
<b>Series</b>	FT-CAP	<b>Ratings</b>	AEC-Q200	
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	0603 (1608 Metric)	
<b>Operating Temperature</b>	-55°C ~ 150°C	<b>Mounting Type</b>	Surface Mount, MLCC	
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Manufacturer Standard Lead Time</b>	36 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>	Low ESL, Soft Termination	<b>Failure Rate</b>	-	
<b>Detailed Description</b>	0.5pF ±0.1pF 100V Ceramic Capacitor X8R 0603 (1608 Metric)		<b>Capacitance</b>	0.5pF
<b>Applications</b>	Automotive, Boardflex Sensitive			

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">C0603X479D4HAC7867</a> <b>Description:</b> CAP CER 0603 4.7PF 16V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603X508B5HACAUTO</a> <b>Description:</b> CAP CER 0603 0.5PF 50V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603X508C1HAC7867</a> <b>Description:</b> CAP CER 0603 0.5PF 100V ULTRA ST	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603X508B4HAC7867</a> <b>Description:</b> CAP CER 0603 0.5PF 16V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603X508B3HACAUTO</a> <b>Description:</b> CAP CER 0603 0.5PF 25V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603X479D8HAC7867</a> <b>Description:</b> CAP CER 0603 4.7PF 10V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603X479D1HACAUTO</a> <b>Description:</b> CAP CER 0603 4.7PF 100V ULTRA ST	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603X479D8HACAUTO</a> <b>Description:</b> CAP CER 0603 4.7PF 10V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603X508B3HAC7867</a> <b>Description:</b> CAP CER 0603 0.5PF 25V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">C0603X508B8HAC7867</a> <b>Description:</b> CAP CER 0603 0.5PF 10V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603X479D5HACAUTO</a> <b>Description:</b> CAP CER 0603 4.7PF 50V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603X508B8HACAUTO</a> <b>Description:</b> CAP CER 0603 0.5PF 10V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
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