

## C0603C682G4HACAUTO



**Part Number:** C0603C682G4HACAUTO  
**Manufacturer:** KEMET  
**Description:** CAP CER 0603 6.8NF 16V ULTRA STA  
**Data sheet:** [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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 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	C0603C682G4HACAUTO	<b>Manufacturer</b>	<a href="#">KEMET</a>
<b>Description</b>	CAP CER 0603 6.8NF 16V ULTRA STA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	1443761 pcs	<b>Data sheet</b>	<a href="#">Ultra Stable, X8R Dielectric</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	16V
<b>Tolerance</b>	±2%	<b>Thickness (Max)</b>	0.034" (0.87mm)
<b>Temperature Coefficient</b>	X8R	<b>Size / Dimension</b>	0.063" L x 0.032" W (1.60mm x 0.80mm)
<b>Series</b>	C	<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>	18 Weeks
<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, High Temperature
<b>Failure Rate</b>	-	<b>Detailed Description</b>	6800pF ±2% 16V Ceramic Capacitor X8R 0603 (1608 Metric)
<b>Capacitance</b>	6800pF	<b>Applications</b>	Automotive

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">C0603C682F5JACAUTO</a> <b>Description:</b> CAP CER 6800PF 50V U2J 0603	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682G3JAC7867</a> <b>Description:</b> CAP CER 6800PF 25V U2J 0603	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682G5JACAUTO</a> <b>Description:</b> CAP CER 6800PF 50V U2J 0603	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682F8JACAUTO</a> <b>Description:</b> CAP CER 6800PF 10V U2J 0603	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682G8JAC7867</a> <b>Description:</b> CAP CER 6800PF 10V U2J 0603	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682G5GEC7867</a> <b>Description:</b> CAP CER 0603 6.8NF 50V C0G 2%	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682G3JACAUTO</a> <b>Description:</b> CAP CER 6800PF 25V U2J 0603	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682G8JACAUTO</a> <b>Description:</b> CAP CER 6800PF 10V U2J 0603	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682G3GECAUTO</a> <b>Description:</b> CAP CER 6800PF 25V C0G/NP0 0603	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682G5GECAUTO</a> <b>Description:</b> CAP CER 6800PF 50V C0G/NP0 0603	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682F8HACAUTO</a> <b>Description:</b> CAP CER 0603 6.8NF 10V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682G4JACAUTO</a> <b>Description:</b> CAP CER 6800PF 16V U2J 0603	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">C0603C682G3GEC7867</a> <b>Description:</b> CAP CER 0603 6.8NF 25V C0G 2%	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0603C682G8HAC7867</a> <b>Description:</b> CAP CER 0603 6.8NF 10V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>

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