

## C1608X6S1C684K080AC



**Part Number:** [C1608X6S1C684K080AC](#)

**Manufacturer:** [TDK Corporation](#)

**Description:** CAP CER 0.68UF 16V X6S 0603

**Data sheet:** [PDF C Series, General Datasheet](#)

[PDF C Series, Gen Appl & Mid-Voltage Spec](#)

[PDF MLCC Part Number Guide](#)

**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>	C1608X6S1C684K080AC	<b>Manufacturer</b>	<a href="#">TDK Corporation</a>
<b>Description</b>	CAP CER 0.68UF 16V X6S 0603	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	1781652 pcs	<b>Data sheet</b>	<a href="#">C Series, General Datasheet</a> <a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a> <a href="#">MLCC Part Number Guide</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	16V
<b>Tolerance</b>	±10%	<b>Thickness (Max)</b>	0.035" (0.90mm)
<b>Temperature Coefficient</b>	X6S	<b>Size / Dimension</b>	0.063" L x 0.032" W (1.60mm x 0.80mm)
<b>Series</b>	C	<b>Ratings</b>	-
<b>Packaging</b>	Cut Tape (CT)	<b>Package / Case</b>	0603 (1608 Metric)
<b>Other Names</b>	445-14213-1	<b>Operating Temperature</b>	-55°C ~ 105°C
<b>Mounting Type</b>	Surface Mount, MLCC	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<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	<b>Failure Rate</b>	-
<b>Detailed Description</b>	0.68µF ±10% 16V Ceramic Capacitor X6S 0603 (1608 Metric)	<b>Capacitance</b>	0.68µF
<b>Applications</b>	General Purpose		

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">C1608X6S1C475M080AC</a> <b>Description:</b> CAP CER 4.7UF 16V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1E334M080AB</a> <b>Description:</b> CAP CER 0.33UF 25V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1H105K080AC</a> <b>Description:</b> CAP CER 1UF 50V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1C475K080AC</a> <b>Description:</b> CAP CER 4.7UF 16V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1C335K080AC</a> <b>Description:</b> CAP CER 3.3UF 16V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1C225K080AC</a> <b>Description:</b> CAP CER 2.2UF 16V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1E474K080AB</a> <b>Description:</b> CAP CER 0.47UF 25V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1E684K080AB</a> <b>Description:</b> CAP CER 0.68UF 25V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1C105M080AC</a> <b>Description:</b> CAP CER 1UF 16V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1C335M080AC</a> <b>Description:</b> CAP CER 3.3UF 16V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1E105K080AB</a> <b>Description:</b> CAP CER 1UF 25V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1C684M080AC</a> <b>Description:</b> CAP CER 0.68UF 16V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1C225M080AC</a> <b>Description:</b> CAP CER 2.2UF 16V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1E684M080AB</a> <b>Description:</b> CAP CER 0.68UF 25V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X6S1C155M080AC</a> <b>Description:</b> CAP CER 1.5UF 16V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">C1608X6S1C155K080AC</a> <b>Description:</b> CAP CER 1.5UF 16V X6S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
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