

## C1608X8R1C474K080AE



**Part Number:** [C1608X8R1C474K080AE](#)  
**Manufacturer:** [TDK Corporation](#)  
**Description:** CAP CER 0.47UF 16V X8R 0603  
**Data sheet:** [PDF C Series, Soft Termination Datasheet](#)  
[PDF C Series, Soft Termination Spec](#)

**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>	C1608X8R1C474K080AE	<b>Manufacturer</b>	<a href="#">TDK Corporation</a>
<b>Description</b>	CAP CER 0.47UF 16V X8R 0603	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	1232894 pcs	<b>Data sheet</b>	<a href="#">C Series, Soft Termination Datasheet</a> <a href="#">C Series, Soft Termination Spec</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage Rating - AC</b>	-
<b>Voltage - Rated</b>	16V	<b>Tolerance</b>	0.47µF
<b>Thickness (Max)</b>	X8R	<b>Surface Mount Land Size</b>	-
<b>Size / Dimension</b>	0.063" L x 0.031" W (1.60mm x 0.80mm)	<b>Series</b>	C
<b>RoHS Status</b>	Tape & Reel (TR)	<b>Ripple Current - Low Frequency</b>	Boardflex Sensitive
<b>Ratings</b>	-	<b>Polarization</b>	0603 (1608 Metric)
<b>Other Names</b>	445-173791-2 C1608X8R1C474KT000S	<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>Manufacturer Part Number</b>	C1608X8R1C474K080AE
<b>Lead Style</b>	0.037" (0.95mm)	<b>Height - Seated (Max)</b>	-
<b>Features</b>	Soft Termination	<b>Failure Rate</b>	-
<b>Expanded Description</b>	0.47µF ±10% 16V Ceramic Capacitor X8R 0603 (1608 Metric)	<b>ESR (Equivalent Series Resistance)</b>	±10%
<b>Description</b>	CAP CER 0.47UF 16V X8R 0603		

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">C1608X8R1C334M080AE</a> <b>Description:</b> CAP CER 0.33UF 16V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1E104K080AA</a> <b>Description:</b> CAP CER 0.1UF 25V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1E104M080AE</a> <b>Description:</b> CAP CER 0.1UF 25V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1C334M080AB</a> <b>Description:</b> CAP CER 0.33UF 16V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1E104M080AA</a> <b>Description:</b> CAP CER 0.1UF 25V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1E154K080AE</a> <b>Description:</b> CAP CER 0.15UF 25V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1E154M080AE</a> <b>Description:</b> CAP CER 0.15UF 25V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1C474K080AB</a> <b>Description:</b> CAP CER 0.47UF 16V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8L1C105K080AC</a> <b>Description:</b> CAP CER 1UF 16V X8L 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1C334K080AE</a> <b>Description:</b> CAP CER 0.33UF 16V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X7S2A683M080AB</a> <b>Description:</b> CAP CER 0.068UF 100V X7S 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8L1C684K080AC</a> <b>Description:</b> CAP CER 0.68UF 16V X8L 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1E154M080AB</a> <b>Description:</b> CAP CER 0.15UF 25V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1E154K080AB</a> <b>Description:</b> CAP CER 0.15UF 25V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1C334K080AB</a> <b>Description:</b> CAP CER 0.33UF 16V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1C474M080AE</a> <b>Description:</b> CAP CER 0.47UF 16V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1C474M080AB</a> <b>Description:</b> CAP CER 0.47UF 16V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8L0J225K080AC</a> <b>Description:</b> CAP CER 2.2UF 6.3V X8L 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8R1E104K080AE</a> <b>Description:</b> CAP CER 0.1UF 25V X8R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X8L0J155K080AC</a> <b>Description:</b> CAP CER 1.5UF 6.3V X8L 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>

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