

## C1608X5R1V225K080AE



**Part Number:** [C1608X5R1V225K080AE](#)  
**Manufacturer:** [TDK Corporation](#)  
**Description:** MLCC, SOFT TERMINATION, 0603, X5  
**Data sheet:** [PDF C Series, Soft Termination Datasheet](#)  
[PDF C Series, Soft Termination 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>	C1608X5R1V225K080AE	<b>Manufacturer</b>	<a href="#">TDK Corporation</a>
<b>Description</b>	MLCC, SOFT TERMINATION, 0603, X5	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	777136 pcs	<b>Data sheet</b>	<a href="#">C Series, Soft Termination Datasheet</a> <a href="#">C Series, Soft Termination Spec</a> <a href="#">MLCC Part Number Guide</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	35V
<b>Tolerance</b>	±10%	<b>Thickness (Max)</b>	0.037" (0.95mm)
<b>Temperature Coefficient</b>	X5R	<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>	445-175227-1	<b>Operating Temperature</b>	-55°C ~ 85°C
<b>Mounting Type</b>	Surface Mount, MLCC	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Standard Lead Time</b>	40 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>	2.2µF ±10% 35V Ceramic Capacitor X5R 0603 (1608 Metric)
<b>Capacitance</b>	2.2µF	<b>Applications</b>	Boardflex Sensitive

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">C1608X5R1V474M080AB</a> <b>Description:</b> CAP CER 0.47UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V155K080AC</a> <b>Description:</b> CAP CER 1.5UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V224K080AB</a> <b>Description:</b> CAP CER 0.22UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1H684M080AB</a> <b>Description:</b> CAP CER 0.68UF 50V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V684K080AB</a> <b>Description:</b> CAP CER 0.68UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V155M080AC</a> <b>Description:</b> CAP CER 1.5UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V335M080AC</a> <b>Description:</b> CAP CER 3.3UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V474K080AB</a> <b>Description:</b> CAP CER 0.47UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V225M080AC</a> <b>Description:</b> CAP CER 2.2UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V154M080AB</a> <b>Description:</b> CAP CER 0.15UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V105M080AB</a> <b>Description:</b> CAP CER 1UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V105K080AB</a> <b>Description:</b> CAP CER 1UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V334M080AB</a> <b>Description:</b> CAP CER 0.33UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V154K080AB</a> <b>Description:</b> CAP CER 0.15UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V225K080AC</a> <b>Description:</b> CAP CER 2.2UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V334K080AB</a> <b>Description:</b> CAP CER 0.33UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">C1608X5R1V224M080AB</a> <b>Description:</b> CAP CER 0.22UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V475M080AC</a> <b>Description:</b> CAP CER 4.7UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C1608X5R1V335K080AC</a> <b>Description:</b> CAP CER 3.3UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">TDK Corporation</a>	<a href="#">RFQ</a>

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