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Piezoelectric Products / Resonators / Sounding Bodies

Ceramic Resonators

Part Number : **CCR8.0MXC8T**

Product Name : **Ceramic Chip Resonators 8.0-11.0MHz**

TDK Series Name : **CCR-MXC8 Series**

Application :

Base clock of Notebook computer, Personal computer peripherals, And Home appliance.

Function : **Small size. Low profile. Built-in loading capacitance.**

Description :

This products are used thickness shear mode element of Piezo Ceramics with 8.0 to 11.0MHz.

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Product Lifecycle Stage	Production
Part Number Replacement	<i>No Data Available.</i>
Lead (Pb) Free	Yes
Surface Mount	Yes
Type	SMD Type
Body Length (L)	Nom 3.2 mm
Body Breadth (W)	Nom 1.3 mm
Body Height (T)	Nom 0.8 mm
Oscillating Frequency	Nom 8 MHz
Frequency Tolerance	Min -0.5 % Nom <i>No Data Available.</i> Max 0.5 %
Equivalent Series Resistance	Max 40 Ohm
Built-in Loading Capacitors	Yes
Loading Capacitance	Min 14.4 pF Nom 18 pF Max 21.6 pF
Insulation Resistance	Min 100 MOhm
Frequency Temperature Characteristic	Max 3000 10**-6/Cel
Frequency Ageing	Max 2000 10**-6
Soldering Method	Reflow
Category Temperature Range	Min -40 Cel Max 85 Cel
Storage Temperature Range	Min -40 Cel

	Max 85 Cel
Packing	Blister (Plastic)Taping [180mm Reel]
Minimum Package Qty	Nom 2000 Pcs
Minimum Order Qty	Nom 2000 Pcs
Weight	Nom 0.021 g
Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of an intermediate or end user different from or in addition to the specifications set forth in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in, or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").	



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