MMC-463F-32.768KHZ-T Custom Crystal Spec



- Plastic SMD Crystal
- > 32.768 kHz
- Tape and Reel Package

· MMD -

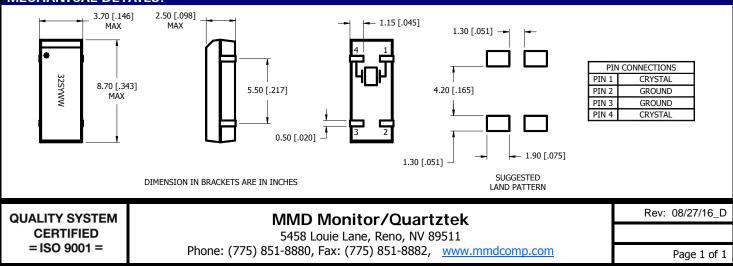
RoHS Compliant

ELECTRICAL SPECIFICATIONS:

Frequency	32.768 kHz ±20 ppm		
Tolerance at +25°C			
Stability	Parabolic Coefficient -0.04 max ppm/(Δ° C) ² max		
Operating Temperature	-40°C to +85°C		
Storage Temperature	-55°C to +125°C		
Equivalent Series Resistance	50 kΩ max		
Load Capacitance	12.5 pF ±0.5 pF		
Shunt Capacitance	0.85 pF typ		
Motional Capacitance	2.0 fF typ		
Drive Level	1 μW max		
Aging (first year)	±3 ppm max at +25°C ±3°C		
Mode of Operation	Tuning Fork, X-Cut		
Insulation Resistance	500 MΩ min at 100 VDC		

ENVIRONMENTAL / MECHANICAL:		MARKING:		
Shock	MIL-STD-883, Meth 2002, Cond B	Line $1 = 32$ SYWW		
Solderability	MIL-STD-883, Meth 2003	32 = 32.768kHz		
Vibration	MIL-STD-883, Meth 2007, Cond A	S = Manufacture Identifier		
Moisture Sensitivity Level	Level 2 per JEDEC J-STD-020	Y = First Digit of Year of Manufacture WW = Week Code		
Reflow Soderability	260°C, 10 secs max			

MECHANICAL DETAILS:



Custom	Customer Approval:			
In the event of conflict, the requirements of this specification shall govern.			Revision:	08/27/16 D
Revisions only with customer approval	Page 1 of 1	Release: AWB	Date:	08/27/16