EA2025FA08-16.000M TR Click part number to visit



REGULATOR	RY COMPLI	ANCE (Data S	heet downloade	ed on Sep 22, 2016)	
Lead Free	EURoHS	China RoHS	REACH	Click badges to download compliance docs	DRC
\oslash	2011/65 + 2015/863	®	169 SVHC	Regulatory Compliance standards are subject to updates by governing bodies. Click the badges to download the latest	CONFLICT
COMPLIANT	COMPLIANT	COMPLIANT	COMPLIANT	compliance docs for this part number directly from Ecliptek.	FREE

ITEM DESCRIPTION

Quartz Crystal Resonator 2.0mm x 2.5mm x 0.60mm 4 Pad Ceramic Surface Mount (SMD) 16.000MHz ±30ppm at 25°C, ±50ppm over -40°C to +85°C 08pF Parallel Resonant

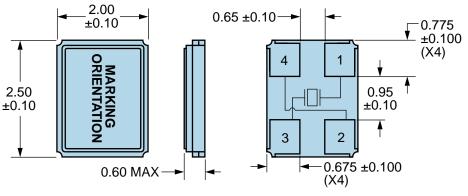
ELECTRICAL SPECIFICAT	ΓΙΟΝS
Nominal Frequency	16.000MHz
Frequency Tolerance/Stability	±30ppm at 25°C, ±50ppm over -40°C to +85°C
Aging at 25°C	±3ppm/year Maximum
Load Capacitance	08pF Parallel Resonant
Shunt Capacitance	5pF Maximum
Equivalent Series Resistance	100 Ohms Maximum
Mode of Operation	AT-Cut Fundamental
Drive Level	100µWatts Maximum
Spurious Response	-3dB Minimum (Measured from Fo to Fo +5000ppm)
Storage Temperature Range	-40°C to +85°C
Insulation Resistance	500 Megaohms Minimum (Measured at 100Vdc)
ENVIRONMENTAL & MEC	HANICAL SPECIFICATIONS
ESD Susceptibility	MIL-STD-883, Method 3015, Class 1, HBM: 1500V
Fine Leak Test	MIL-STD-883, Method 1014, Condition A
Flammability	UL94-V0
Gross Leak Test	MIL-STD-883, Method 1014, Condition C
Mechanical Shock	MIL-STD-883, Method 2002, Condition B
Moisture Resistance	MIL-STD-883, Method 1004
Moisture Sensitivity	J-STD-020, MSL 1
Resistance to Soldering Heat	MIL-STD-202, Method 210, Condition K
Resistance to Solvents	MIL-STD-202, Method 215
Solderability	MIL-STD-883, Method 2003
Temperature Cycling	MIL-STD-883, Method 1010, Condition B
Vibration	MIL-STD-883, Method 2007, Condition A

SHENZHEN YIJIN ELECTRONICS CO: LTD TEL: 0755-27876565

18924600166 QQ: 857950243 http://www.vc-tcxo.com

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MECHANICAL DIMENSIONS (all dimensions in millimeters)

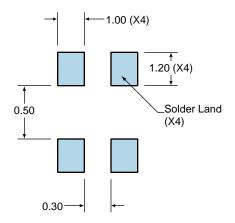


Note: Chamfer not shown.

PIN	CONNECTION
1	Crystal
2	Cover/Ground
3	Crystal
4	Cover/Ground
L	
LINE	MARKING
LINE 1	MARKING 16.0

Suggested Solder Pad Layout

All Dimensions in Millimeters



All Tolerances are ±0.1



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