

EUEA18-1.8432M **ITEM DESCRIPTION**

Quartz Crystal Resonator HC49/U Thru-Hole Metal Resistance Weld Seal 1.8432MHz $\pm 30\text{ppm}$ at 25°C, $\pm 50\text{ppm}$ over -20°C to +70°C 18pF Parallel Resonant

ELECTRICAL SPECIFICATIONS

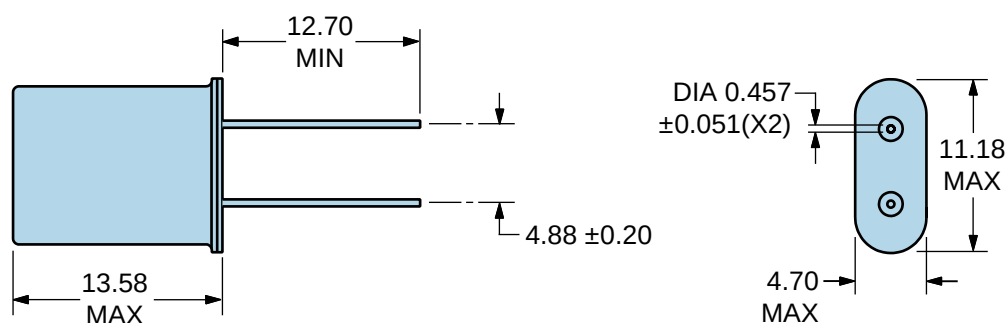
Nominal Frequency	1.8432MHz
Frequency Tolerance/Stability	$\pm 30\text{ppm}$ at 25°C, $\pm 50\text{ppm}$ over -20°C to +70°C
Aging at 25°C	$\pm 5\text{ppm/year}$ Maximum
Load Capacitance	18pF Parallel Resonant
Shunt Capacitance	7pF Maximum
Equivalent Series Resistance	650 Ohms Maximum
Mode of Operation	AT-Cut Fundamental
Drive Level	2mWatts Maximum
Storage Temperature Range	-40°C to +125°C
Insulation Resistance	500 Megaohms Minimum (Measured at 100Vdc)

ENVIRONMENTAL & MECHANICAL 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
Lead Integrity	MIL-STD-883, Method 2004
Mechanical Shock	MIL-STD-202, Method 213, Condition C
Moisture Resistance	MIL-STD-883, Method 1004
Moisture Sensitivity	J-STD-020, MSL1
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>

EUEA18-1.8432M **MECHANICAL DIMENSIONS (all dimensions in millimeters)**

LINE	MARKING
1	ECLIPTEK
2	E1.8432M <i>E=Configuration Designator</i>
3	XX <i>XX=Ecliptek Manufacturing Identifier</i>

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