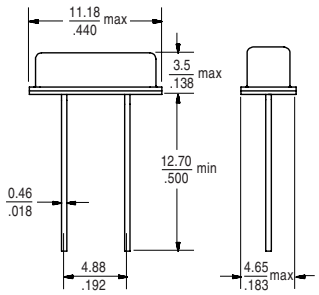
Packaging Information: 49S



Scale: None (Dimensions in mm / inches)

Package Marking Information

Line 1: S = SaRonix
xxx = Calib/Stability/Temp Code
YYWWX = Date Code

Line 2: Frequency (up to 7 digits, including decimal point)
Z = - (dash) for AT-cut parallel resonant
= blank for AT-cut series resonant
= B for BT-cut
xx = Load Capacitance (leave Blank if Series)

SxxxYYWWX
24.5760-xx

Ordering Information

49S XXX – XX XXX X (X)

Type

Frequency (MHz)
Frequency (in MHz) = 0x.xxxx, xx.xxxx
(a zero is used in front of frequencies under 10 MHz)

CUT TYPE:
– (dash) = AT-cut Parallel Resonance
Blank = AT-cut Series Resonance
B = BT-cut, 26.8 to 50 MHz

Load Capacitance
xx = Parallel Resonance (specify load)
Blank = Series Resonance

Calibration / Stability / Temp Range
GGC = ±30ppm / ±30ppm / -20 to +70°C
GHE = ±30ppm / ±50ppm / -40 to +85°C
HJE = ±50ppm / ±100ppm / -40 to +85°C
* others available

–E (dash E) = Lead (Pb)-free RoHS Compliant Version
Blank = Non-RoHS (not available for new designs)

(Q) = Manufactured in a TS16949 or QS9000 registered facility

Part Number Example:
Spec: Freq 5.1234MHz, ±30ppm calib, ±30ppm stab, -20 to +70°C, 16pF = 49S05.1234-16GGC
= 49S05.1234-16GGC–E (for lead-free)

Mechanical:

- Shock: JESD22-B104 Condition B
- Solderability: JESD22 method 1 (Predonditioning E) RoHS package
- Terminal Strength: MIL-STD-883 Method 2004
- Vibration: JESD22-B103
- Solvent Resistance: JESD22-B107
- Resistance to Soldering Heat: JESD22-B106 (RoHS Package)

Environmental:

- Gross Test Leak: JESD22-A109, Condition C
- Fine Test Leak: JESD22-A109, Condition A1
- Moisture Resistance: JESD22-A113
- Insulation Resistance: 500 MΩ min (100 VDC)