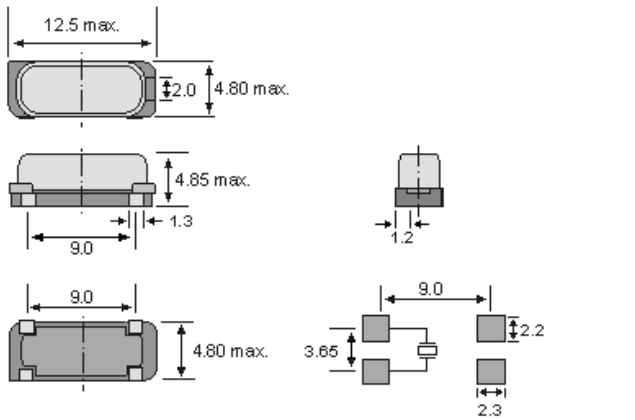
Quartz Crystal Unit HC49SM4 (with 4 pads)
h~4.85mm

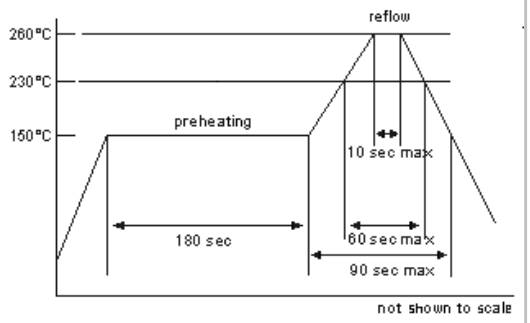
- Standard Quartz Crystal SMD with 4 pads
- Metal Case
- on Tape & Reel
- RoHS conform; Lead-free product
- Available in many standard and special frequencies

External Dimensions



Recommended Soldering Pattern and Internal Connections

Soldering Conditions



Specifications - Product No. A012000000BDFBPN00DB

Holder Type:	HC-49SM4 with 4 pads
Frequency:	12.000000 MHz
Frequency Stability at 25°C:	±30 ppm
Temperature Stability:	±50ppm @ -20°C to +70°C
Storage Temperature:	-50°C to +105°C
Drive Level:	100µW (500µW max.)
Load Capacitance (CL):	16 pF
Shunt Capacitance (C0):	< 7pF
Crystal Cut & Vibration Mode:	AT- cut, fundamental
Equivalent Series Resistance:	50 Ohm max.
Aging:	< ±3ppm max. / year (max.)

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