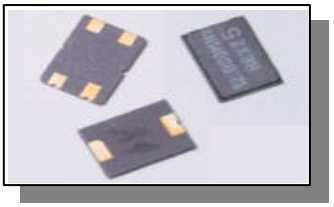
QUARTZ CRYSTALS UNIT

SURFACE MOUNT CRYSTALS
HEX25 – SMD6×3.5 CERAMIC LID



FEATURES

☐ Wide Frequency Range

☐ High Precision Availability

☐ High Reliability

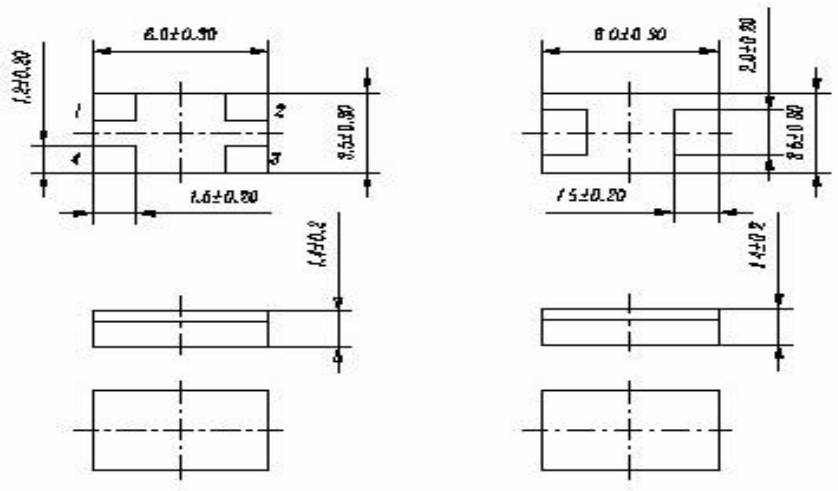
☐ Tight Tolerance and Stability Available

☐ High Quality , Space Saving

☐ 1.4mm(Max)High ,Resin Sealed

PARAMETER	SPECIFICATION
Frequency Range	12.000 ~ 40.000MHz
Mode of Oscillation	Fund. 12.000 ~ 40.000MHz
Operating Temperature	-10℃~60℃ (See Options)
Storage Temperature	-40℃ ~ +85℃
Equivalent Series Resistance (ESR)	Fund 60Ω max
Frequency Tolerance @ 25℃	±30ppm (See Options)
Frequency Stability Over Temp.	±50ppm (See Options)
Shunt Capacitance C_0	7.0pf max
Load Capacitance C_L	20 pf
Drive Level	100 uW max
Aging @ 25℃ Per Year	±10 ppm max
Insulation Resistance	500MΩ min .at 100VDC ±15V
Infrared Reflow Conditions	240℃ for 10sec max 2 reflow max

PIN	FUNCTION
1	CRYSTAL
2	GROUND
3	CRYSTAL
4	GROUND



Dimensions: mm

HEX25 - Frequency - CL - ESR - Mode - Freq. Tol. – Temp. Range - Stability – Packaging - Option

- Frequency MHz
- Load Cap.in pF or S for series
- xxx R (Ω)
- Product Family SMD Series
- -H1 for±10ppm
  -H2 for±30ppm
  -H3 for±50ppm
  X for custom value
- -F for fund AT
  -3OT for 3rd overtone
  X for custom value
- -W1 for±10 ppm max
  -W2 for±30ppm max
  -W3 for±50ppm max
  X for custom value
- -T1 for 0℃~70℃
  -T2 for -20℃~70℃
  -T3 for -40℃~85℃
  X for custom value
- A for Figure 1
  B for Figure 2
  C for Figure 3
- - T for Tape & Reel

Part Numbering Example : HEX25-12.000MHz-18-60R-F-H2-T2 –W2-T-C

Http: // www. horizonxtal. com
E-mail: horizon @ public .cs. hn. cn / heinfo @ horizonxtal.com / sales@horizonxtal.com