

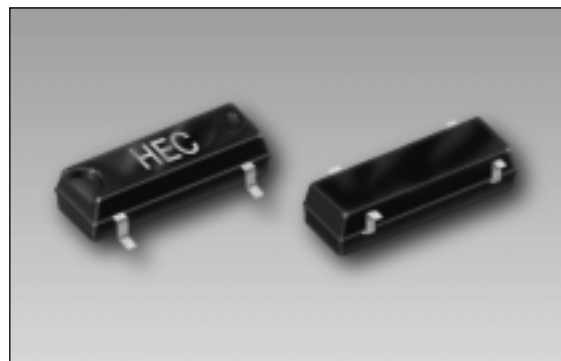
HE-T3-32 SURFACE MOUNT WATCH CRYSTAL



The HE-T3-32 is our low profile, surface mount watch crystal with a maximum height of only 2.0 mm and molded in the rugged thermo-plastic housing. This micro miniature package is ideal for your SMD applications with a limited circuit space and requiring the watch crystal frequency, such as for the PCMCIA application.

FEATURES:

- Low profile (only 2.0mm height)
- Industry Standard footprint
- Long Term Stability
- Tape and reel packaging (3,000 PC per reel)



ELECTRICAL SPECIFICATIONS / PART NUMBERING GUIDE

PARAMETERS	CONDITIONS	MIN.	STANDARD	MAX.	UNIT
NOMINAL FREQUENCY			32.768		KHZ
TURNOVER TEMPERATURE			+25°C ± 5°C		°C
OPERATING TEMPERATURE			-40°C to +85°C		°C
STORAGE TEMPERATURE			-55°C to +125°C		°C
FREQUENCY TOLERANCE	at 25°C	-20		+20	PPM
FREQUENCY STABILITY	Parabolic Coefficient			-0.04	PPM / °C ²
SHUNT CAPACITANCE (C ₀)			0.90		pF
LOAD CAPACITANCE (C _L)			12.5		pF
MOTIONAL CAPACITANCE			1.80		fF
EQUIVALENT SERIES RESISTANCE				55	KΩ OHMS
INSULATION RESISTANCE		500			MΩ OHMS
DRIVE LEVEL				1.0	uW
AGING CHARACTERISTICS	at 25°C per year		±3 PPM max.		PPM

HE-T3-32	-12.5PF
Package	Capacitance Load (6pF or 12.5pF)

MECHANICAL DRAWING

