

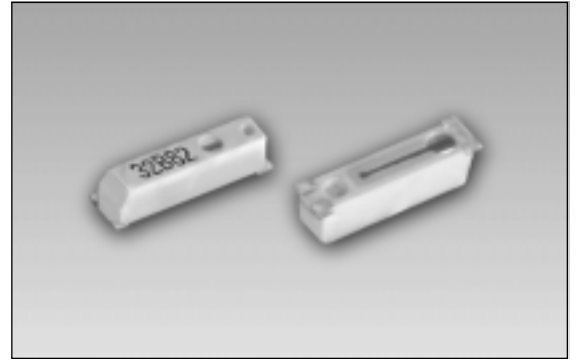
HE-T6-32 SLIM LINE SURFACE MOUNT WATCH CRYSTAL



The HE-T6-32 is a miniature surface mount watch crystal in a slim housing of 1.6mm height, requiring a total mounting area of only 16.8mm². Encased in a rugged thermoplastic package, this crystal is capable of withstanding the soldering re-flow processing. HE-T6-32 is ideal for your applications requiring durability in a compact and light-weight package.

FEATURES:

- Low profile only 1.6 mm high
- Only 16.8mm² mounting area required
- Ability to withstand IR or vapor soldering reflow
- Tape and reel packaging (9,000 PC per reel)



ELECTRICAL SPECIFICATIONS

PARAMETERS	CONDITIONS	MINIMUM	STANDARD	MAXIMUM	UNIT
NOMINAL FREQUENCY			32.768		KHZ
TURNOVER TEMPERATURE			+25°C ± 5°C		°C
OPERATING TEMPERATURE			-20°C to +70°C		°C
STORAGE TEMPERATURE			-40°C to +125°C		°C
FREQUENCY TOLERANCE	at 25°C	-20		+20	PPM
FREQUENCY STABILITY	Parabolic Coefficient	-0.027	-0.035	-0.043	PPM / °C ²
SHUNT CAPACITANCE (C ₀)			0.8		pF
LOAD CAPACITANCE (C _L)			7		pF
EQUIVALENT SERIES RESISTANCE				55	KΩ OHMS
INSULATION RESISTANCE		500			MΩ OHMS
DRIVE LEVEL				1.0	uW

HE-T6-32	-7PF
Package	Capacitance Load

MECHANICAL DRAWING

