

TEA110 TEST AND MEASUREMENT ACCELEROMETER

TEA110 - testi- ja mittauskiihtyvyyssanturi, 100 mV/g, liitin sivulla, 10-32 coaxial connector, 10-32 mounting

Valmistaja:	CTC
Tuotenumero:	TEA110
Tyyppi:	1-akselinen Testi ja mittaus
Herkkyys:	100 mV/g
Taajuusalue:	0.5-30000 Hz
Mittausalue:	± 50 g
Sovellukset:	Laboratorio mittaukset

Product Features

- ▶ General Purpose Test & Measurement Accelerometer
- ▶ Lightweight Titanium Case
- ▶ 10kHz (±5%) Frequency Response

Tekniset tiedot

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	TEA110		Environmental		
Sensitivity (±10%)		100 mV/g	Temperature Range	-58 to 250°F	-50 to 121°C
Frequency Response (±3dB)	30-1,800,000 CPM	0.5 Hz-30 kHz	Maximum Shock Protection		10,000 g, peak
Frequency Response (±10%)	30-900,000 CPM	0.5 Hz-15 kHz	Electromagnetic Sensitivity		CE (Pending)
Frequency Response (±5%)	30-600,000 CPM	0.5 Hz-10 kHz	Sealing		Welded, Hermetic
Dynamic Range		± 50g, peak	Physical		
Non-Linearity		≤ 1%	Sensing Element		PZT Ceramic
Transverse Sensitivity		≤ 5%	Sensing Structure		Shear Mode
Electrical			Weight	0.35 oz	10 grams
Settling Time		< 2 Seconds	Case Material		Titanium
Voltage Source (IEPE)		18-30 VDC	Mounting		10-32 UNF
Constant Current Excitation		2-20 mA	Connector		10-32
Spectral Noise @ 10 Hz		30 µg/√Hz	Resonant Frequency	2,640,000 CPM	44 kHz
Spectral Noise @ 100 Hz		4 µg/√Hz	Calibration Certificate		CA12
Spectral Noise @ 1000 Hz		2 µg/√Hz			Step Calibration
Output Impedance		< 100 ohm			
Bias Output Voltage		10-14 VDC			
Case Isolation		Case Ground			

Dokumentit

1. [Esite](http://www.mip.fi/images/docs/fi/tea110_datasheet.pdf) , (URL: http://www.mip.fi/images/docs/fi/tea110_datasheet.pdf)

Lisäkuvat ja videot

