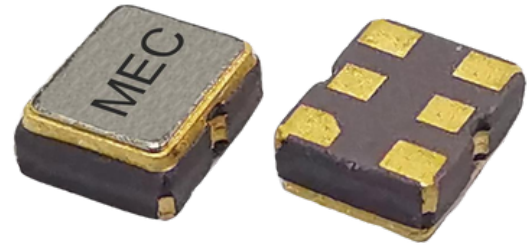


Ultra Low Jitter Differential XO



Mercury H_JK Series

▶ Features

- Femtosecond integrated phase jitter (50 fs typical , 12 kHz to 20 MHz)
- Superior phase noise
- Small size for 2.5 x 2.0 mm package

▶ Applications

- Optical fiber communications
- Network communications
- Ethernet
- Cellular base station
- Measurement
- Medical equipment
- GNSS
- Data transmission

▶ Products

Dimensions: 7.0x5.0x1.7 mm, 5.0x3.2x1.2 mm
3.2x2.5x1.0 mm, 2.5x2.0x1.0 mm

Output Logic: LVPECL / LVDS / HCSL

Frequency Range: 100 ~ 250MHz

Temperature Range: -40°C to +85°C

Supply Voltage: +1.8V +2.5V +3.3V

Phase Noise: -157 dBc/Hz @100 kHz

-164 dBc/Hz @10 MHz

RMS Jitter: 50 fs typ. (12 kHz to 20 MHz)

