

Extreme Temperature Transceivers For High Speed Digital Data Transfer

30%

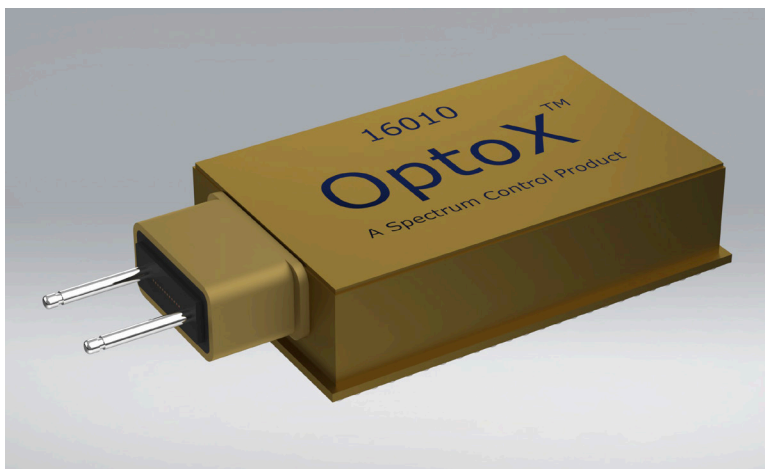
Higher operating temperature than other optical solutions (up to 125° C)

100%

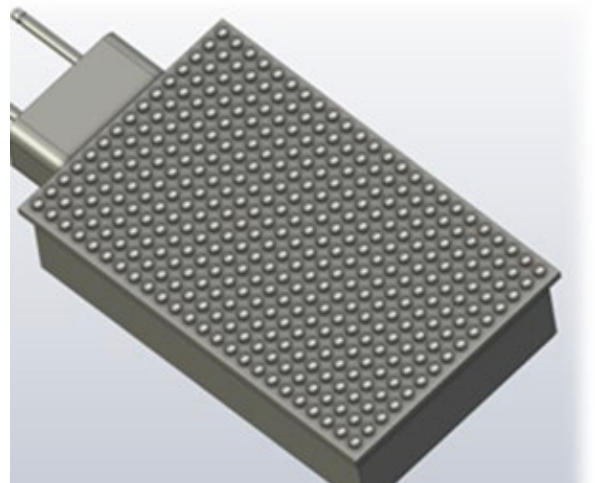
Hermetic sealing to operate reliably in hostile environments

80%

Lower minimum speed for easy integration with legacy systems



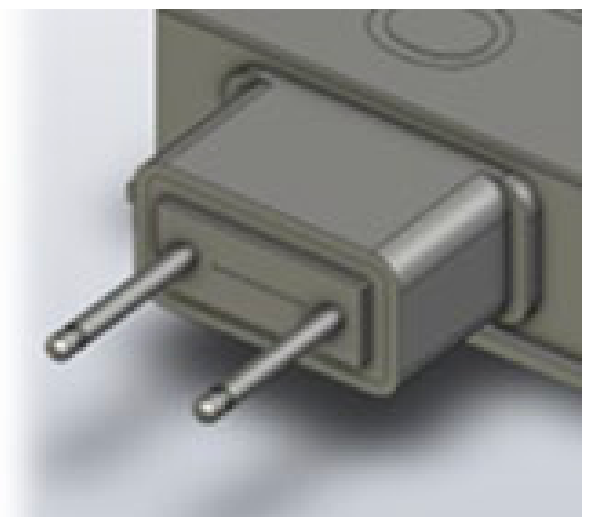
Multi-mode wavelength optical transceiver, featuring a unique pluggable optical connector interface



HTCC based package with BGA – maximum thermal capabilities with the mechanical security of soldering

Key specifications

- Multi-mode optical wavelength (850nm)
- Quad transmit (TX) and receive (RX)
@ 20 Mbps to 10 Gbps per channel
- BGA solder ball contacts or LGA with interposer
- MT-12 ferrule proprietary retaining mechanism
- Wide operating temperature range, with functionality at -50°C to +125°C
- MIL-Standard qualified & ITAR free solution
- 24.5 x 15.5 mm footprint package



MIL-STD shock and vibration tolerant MT Ferrule based optical front end – perfect for easy installation in harsh environments