

SMD transformer for vehicle and LAN transformer



FEATURES

- Compatible with various 10/100 Base-TX transceiver
- Operating Temperature Range: -40~+85 °C
- Storage Temperature Range: -50~+125 °C
- Hi-Pot: 1650 Vrms for 6 seconds
- Suitable For End-span and Mid-span POE+ Applications 720mA Current Capability Per POE Port

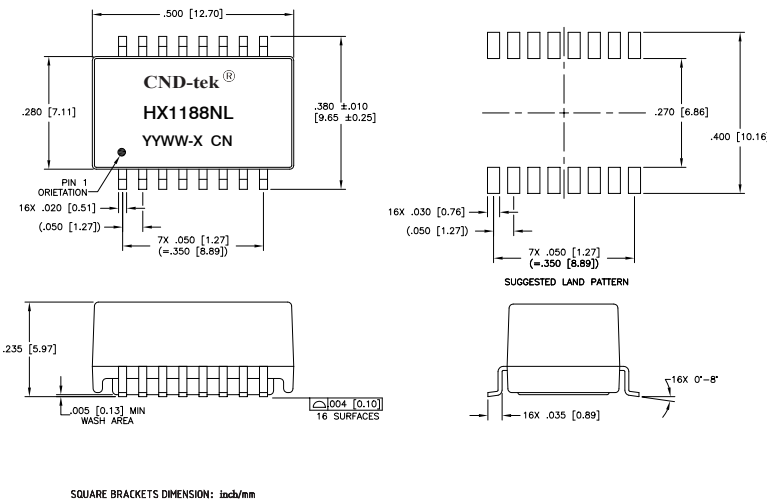
Series/Type: **HX1188NLTP**

ELECTRICAL SPECIFICATIONS @25°C

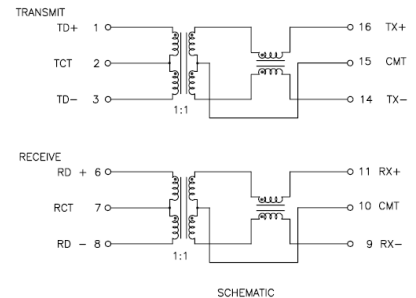
OCL	DCR (Ω)	Turns Ratio	Insertion Loss		Return Loss		Cross Talk		CMMR
			@ 1-100MHz	@ 125MHz	@ 5MHz	@ 30-80MHz	@ 1MHz	@ 5-100MHz	
350uH Min	1.50Ω max	1CT :1CT	-1.0dB Max	-3.0dB Max	-18dB Min	-16+26log ₁₀ (f/30 MHz) dB Min	-62dB Min	-45+21log ₁₀ (f/30 MHz) dB Min	-50+17log ₁₀ (f/5 MHz) dB Min

*Testing Conditions:100KHz 0.1V 8mA DC BIAS

DIMENSIONS & MARKING



SCHEMATICS



Soldering and Mounting

A.J-STD-002:Solderability at 245°C Reflow Profile

B. J-STD-020:Level 1,No Moisture Sensitive

C.J-STD-075:R7,245°C Maximum Through Reflow Solder

Packaging Specifications

