Automotive Ethernet

Transformers and Chokes

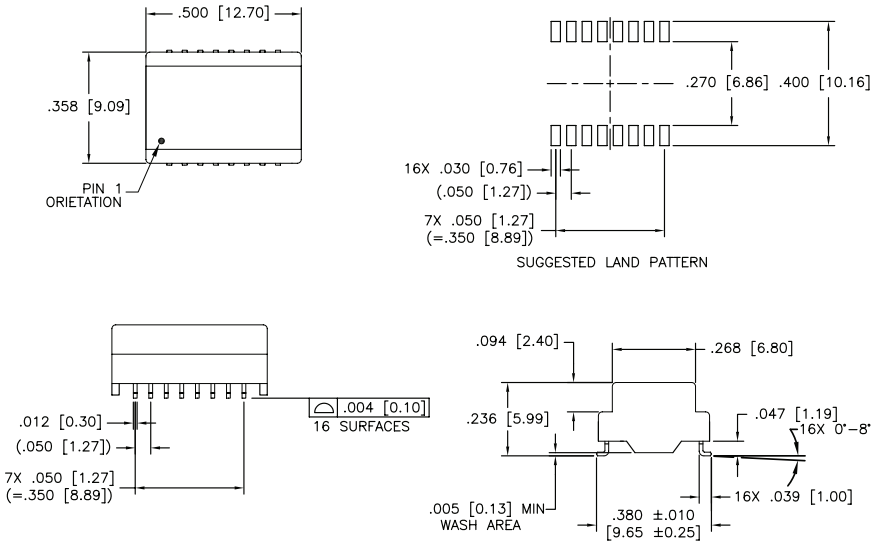


- *Meets AEC-Q200 Requirement*
- *Tested with PHY partners*
- *Operating Temperature: -40°C to +105°C*
- *Member of OPEN alliance*

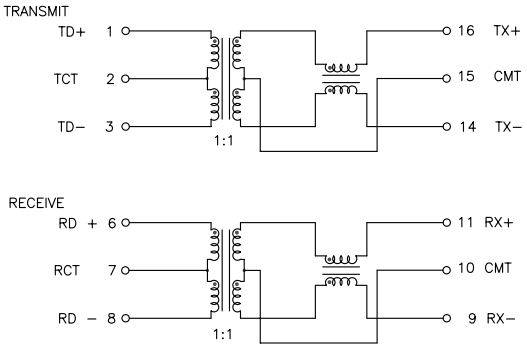
Electrical Specifications 25°C							
Part Number	**Insertion Loss** (dB MAX)		**Return Loss** (dB MIN)		**Cross Talk** (dB MIN)		**Differential to Common Mode Rejection** (dB MIN)
	1 - 100 MHZ	100 - 120 MHZ	1 - 5 MHZ	30 - 80 MHZ	1 MHZ	5 - 100 MHZ	5 - 200 MHZ
HM1188FNL	-1.0 dB	-3.0 dB	-18 dB	$-16+14.08LOG_{10}$ (f/30 MHZ) dB	-62 dB	$-45+21\ LOG_{10}$ (F/30 MHZ) dB	$-50+17LOG_{10}$ (f/5) dB

Mechanical

HM1188FNL



Schematic



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