Automotive Ethernet

Transformers and Chokes





🐽 Meets AEC-Q200 Requirement

Tested with PHY partners

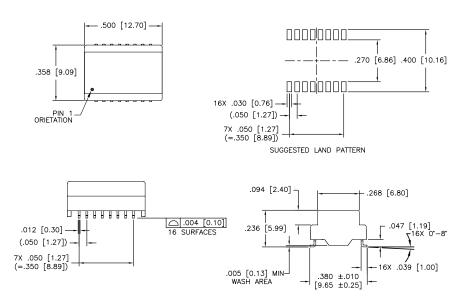
Operating Temperature: -40°C to +105°C

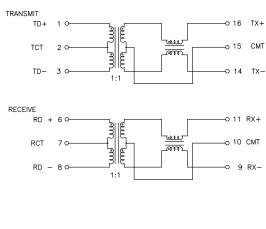
Member of OPEN alliance

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 Schematic

HM1188FNL





For More Information

Pulse Worldwide Headquarters 12220 World Trade Drive San Diego, CA 92128 U.S.A.

Tel: 858 674 8100

Fax: 858 674 8262

Tel: 49 7032 7806 0 Fax: 49 7032 7806 12

Pulse Europe

Germany

Zeppelinstrasse 15

71083 Herrenberg

Pulse China Headquarters

B402, Shenzhen Academy of Aerospace Technology Bldg. 10th Kejinan Road High-Tech Zone Nanshan District Shenzen, PR China 518057

Tel: 86 755 33966678 Fax: 86 755 33966700 **Pulse North China**

Room 2704/2705 Super Ocean Finance Ctr. 2067 Yan An Road West Shanghai 200336 China

Tel: 86 21 62787060 Fax: 86 2162786973 **Pulse South Asia**

135 Joo Seng Road #03-02 PM Industrial Bldg. Singapore 368363

Tel: 65 6287 8998 Fax: 65 6287 8998 **Pulse North Asia**

3F No. 198, Zhongyuan Road Zhonali City Taoyuan County (32068)

Taiwan

Tel: 886 3 4356768 Fax: 886 3 4356823

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