

MMI

**FILTER
(10/100/1000 BASE)**



30F-30/50 SERIES

10/100&1000 BASE-T PC CARD LAN MAGNETIC MODULE

FEATURES

- Designed for long haul Gigabit Ethernet 100/1000 Base-T, full duplex applications
- Supports 4 pairs of category 5 UTP cable
- Cable interface for isolation and low common mode emissions
- Meets all IEEE 802.3 and ANSI X3.236 standards including 350uH OCL with 8mA bias



ELECTRICAL SPECIFICATIONS @25°C -Operating temperature 0°C TO 70°C

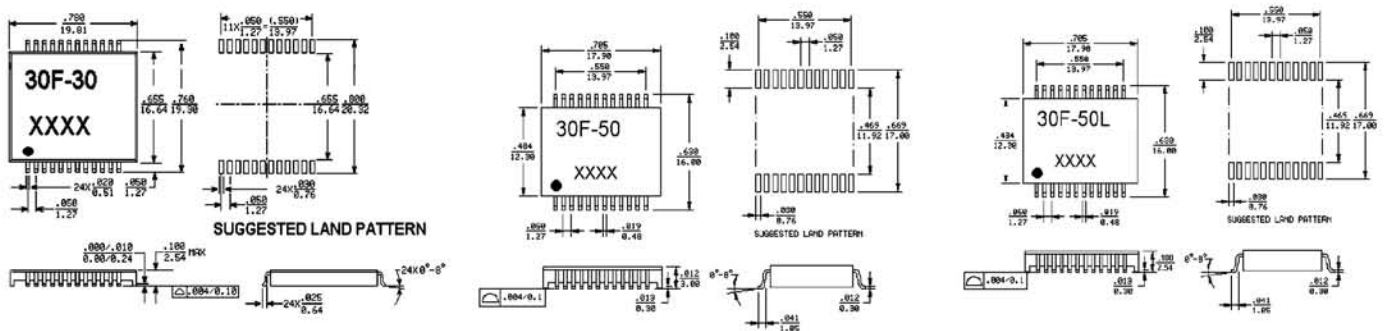
Part Number	Insertion Loss (dB max)	Return Loss (dB min @100 Ω)						Differential to Common Mode (dB min)			Cross talk (dB min)			Hipot (V _{rms} min)
		1-100 MHz	1-30 MHz	40 MHz	50 MHz	60-80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz	
30F-30	1.0	-18	-14.4	-13.1	-12	-10	-43	-37	-33	-45	-40	-35	1500	
30F-50	1.0	-18	-18	-12	-12	-10	-43	-37	-33	-45	-40	-35	1500	
30F-50L	-1.0	-18	-14.4	-13.1	-12	-10	-43	-37	-33	-45	-40	-35	1500	
30F-5012B	-1.2	-16	-14	-13.5	-13	-12	-40	-30	-25	-45	-45	-35	1500	

MARKINGS AND DIMENSION

30F-30

30F-50, 30F-5012B

30F-50L



Dimensions: inches/mm Unless otherwise specified, all tolerances are $\pm 0.10/\pm 0.25$

SCHEMATIC

30F-30,30F-50,30F-50L

30F-5012B

