

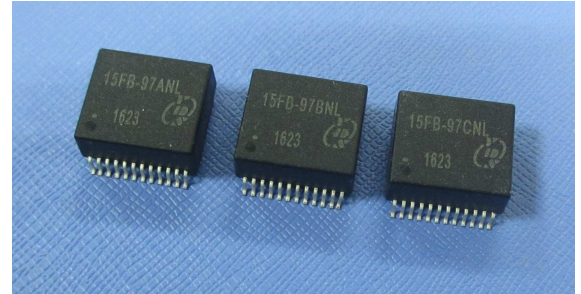


10G POE/POE+ BASE-T MAGANETIC MODULE



FEATURES

- Designed for long haul Gigabit Ethernet 10G Base-T, full duplex applications
- IEEE 802.3af&at/ANSI X3.263 compliant performance
- Suitable for End-span and Mid-span PoE applications
- 350&600mA current capability
- Designed for IP phone or switch applications
- Compact footprint
- Desinged to withstand IR reflow temperatures up to 235°C
- Recognized by UL 60950-1

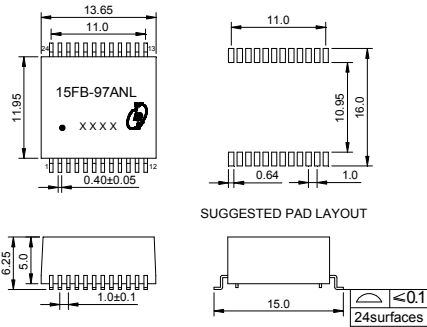


ELECTRICAL SPECIFICATIONS @25°C -Operating temperature 0°C TO 70°C

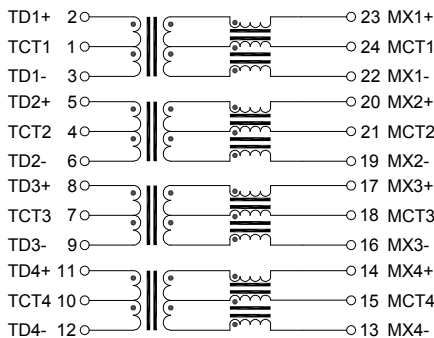
Part Number	Insertion Loss (dB TYP)	Return Loss (dB min @100 Ω)		Common to Differential Mode Rejection (dB TYP)		Crosstalk (dB TYP)		Hipot (V _{rms} min)	
		1 - 500 MHz	1- 40 MHz	40-500MHz	1-250 MHz	250-500 MHz	1-100 MHz		100-500 MHz
15FB-97ANL	-1.2	-23	-13+30log(f/400MHz)		-30	-25	-40	-30	1500
15FB-97BNL	-2.0	-18	-17+10log(f/40MHz)		-30	-20	-40	-30	1500
15FB-97CNL	-1.2	-18	-17+10log(f/40MHz)		-30	-22	-40	-30	1500

Mechanicals

15FB-97

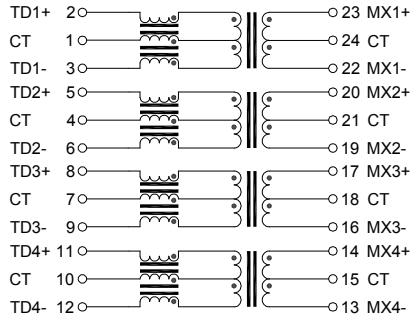


15FB-97C



SCHEMATIC

15FB-97A



15FB-97B

