

FEATURES:

- Meet IEEE 802.3 and ANSI X3.263 standards including 350 uH OCL with 8mA Bias
- Designed to withstand IR reflow temperatures up to 235°C
- Compact footprint use in the most space restrictive applications

YUAN DEAN SCIENTIFIC



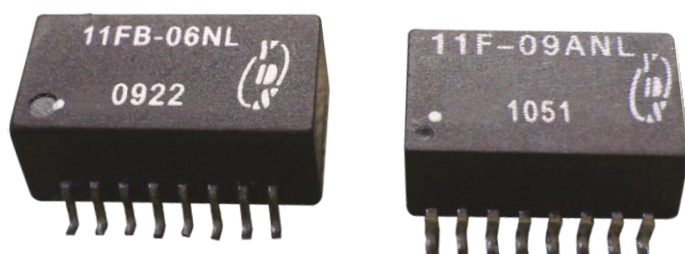
LAN Filters

11FB SERIES

10/100 Base-T

Single Port

16PIN SOIC



ELECTRICAL SPECIFICATIONS@25°C

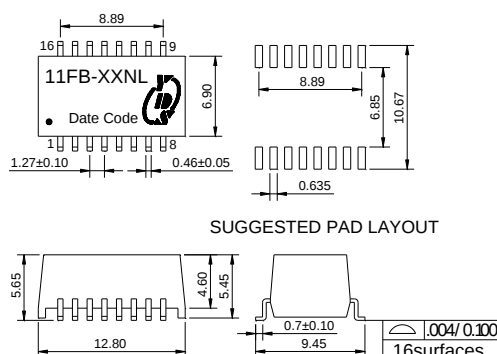
Operating temperature -40°C TO 85°C

Part Number	Turns Ratio (±5%)		Insertion Loss (dB MAX)	Return Loss (dB TYP)			Differential to Common Mode Rejection (dB MIN)			Crosstalk (dB TYP)			Hipot (Vrms) MIN
	TX	RX		30 MHz	60 MHz	80 MHz	30 MHz	50 MHz	100 MHz	30 MHz	60 MHz	100 MHz	
11FB-05NL	1CT:1CT	1CT:1CT	-1.1	-20	-14	-11.5	-42	-37	-33	-45	-40	-35	1500
11FB-06NL	1.25CT:1CT	1CT:1CT	-1.1	-20	-14	-11.5	-42	-37	-33	-45	-40	-35	1500

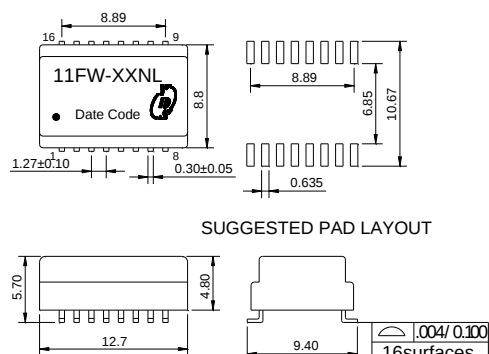


Mechanicals and Dimensions

11FB(Bottom Potting)

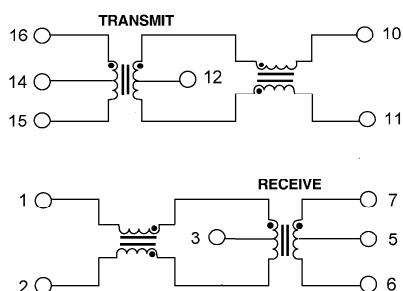


11FW(Bottom Potting)

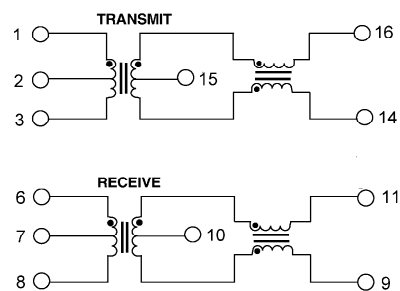


Schematics

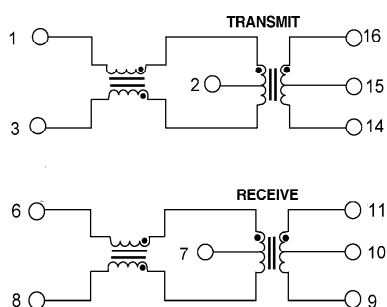
11FB-01



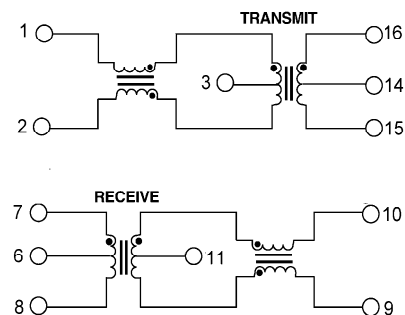
11FB-05, 06, 07, 08, 11



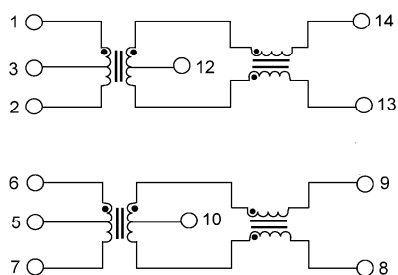
11FB-09, 12



11FB-10



11FB-16



11FB-17

