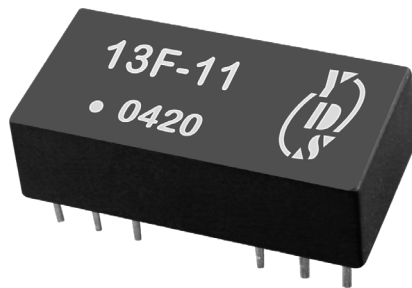


FEATURES:

- Compliant with IEEE 802.3u and ANSI X3.263 standards including 350uH OCL with 8mA Bias
- Storage temperature range: -25°C to +105°C



YUAN DEAN SCIENTIFIC



LAN Filters

13F-1X SERIES

10/100 Base-T

PC Card

LAN Magnetics Modules

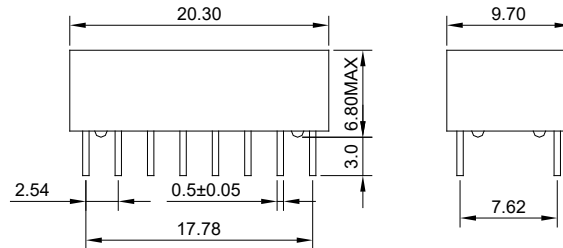
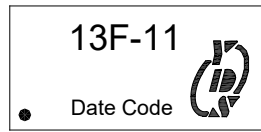
16PIN DIL



Electrical Specifications@25°C-Operating Temperature 0°C to 70°C

Part Number	Turns Ratio(±5%)		Insertion Loss (dB MAX)	Return Loss (dB MIN @100Ω)					Crosstalk (dB TYP)	DCMR (dB MIN)	Hipot (Vrms)
	Transmit	Receive		0.3-100 MHz	30 MHz	40 MHz	50 MHz	60 MHz			
13F-11NL	1CT:1	1CT:1CT	-1.15	-16	-14	-13.5	-13	-12	-35	-30	1500
13F-12NL	1CT:1CT	1CT:1CT	-1.15	-16	-14	-13.5	-13	-12	-35	-30	1500
13F-13NL	1CT:1CT	1CT:1CT	-1.0	-16	-13	-13	-13	-10	-38	-30	1500

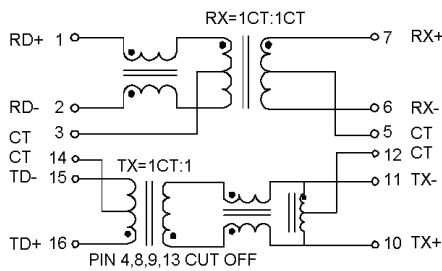
Mechanicals and Dimensions



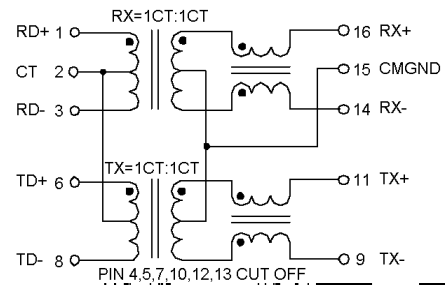
UNIT: mm Unless otherwise specified, all tolerances are ±0.25

Schematics

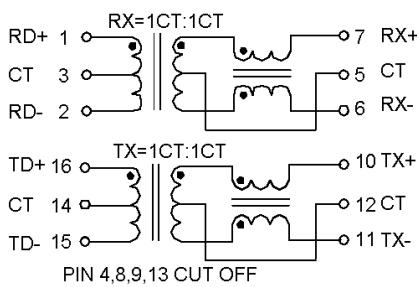
13F-11



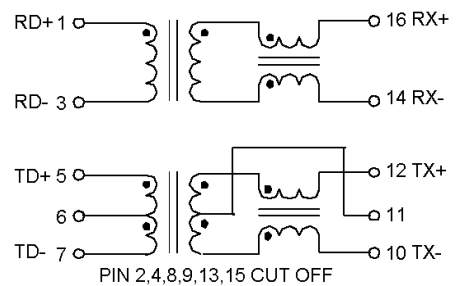
13F-12



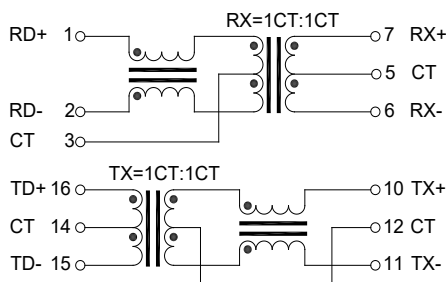
13F-13



13F-14



13F-15



13F-16

