

FEATURES:

- 1X1 Tab-UP, 1" Long RJ45 with internal magnetics
- 10,8 or 6-pin signal pin versions available
- Available with and without LEDs
- Suitable for CAT 5 & 6 Fast Ethernet Cable or better UTP
- Internal magnetics are 100% electrically tested for HI-POT and functionality
- 350 μ H minimum OCL with 8 mA bias current
- Recognized by UL 60950-1



YUAN DEAN SCIENTIFIC



RJ45 Jack
47F SERIES

With Magnetics

Single Port

10/100/1000 Base-T

TAB Up



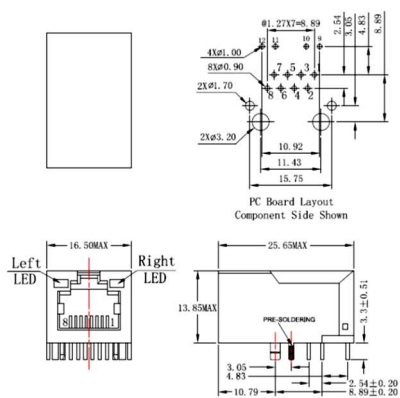
ELECTRICAL SPECIFICATIONS@25°C
Operating temperature 0°C TO 70°C

Part Number	Turns Ratio		LEDs	Insertion Loss (dB TYP)	Return Loss (dB TYP @100Ω±15Ω)					Cross talk (dB TYP)			Common Mode Rejection (dB TYP)		Hipot (Vrms)
	TX	RX	L/R	1-65 MHz	1-10 MHz	10-30 MHz	30-60 MHz	60-80 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1-50 MHz	50-150 MHz	@60Hz	
47F-1205GYD2NL	1CT:1CT	1CT:1CT	G/Y	-1.0	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500	
47F-1302GYD2NL	1CT:1CT	1CT:1CT	G/Y	-1.1	-20	-15	-14	-12	-35	-32	-30	-30	-20	1500	

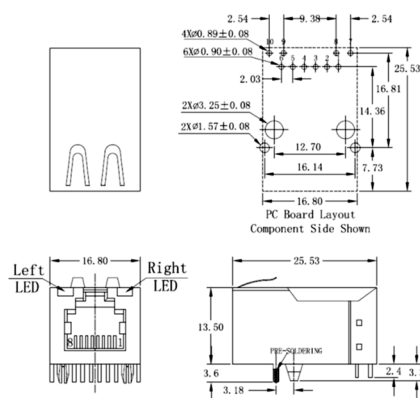


Mechanical and Dimension

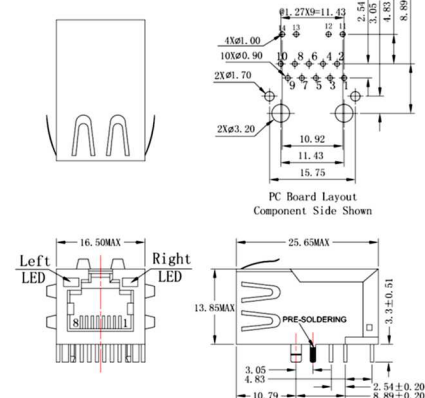
47F-120X



47F-121X

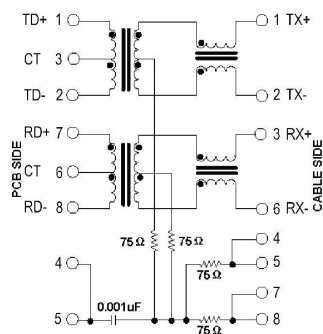


47F-130X

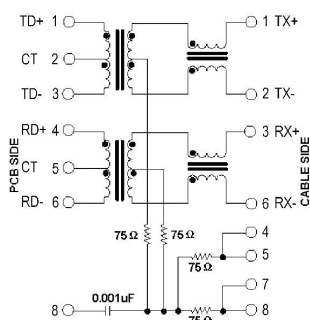


Schematics

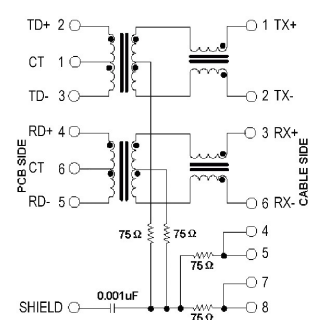
47F-1205



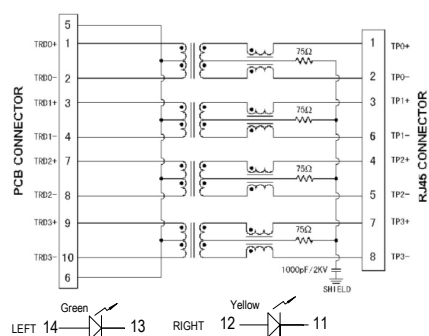
47F-120U



47F-1212



47F-1302



47F-1316

