

FEATURES:

- 1X1 Tab-UP, 1" Long RJ45 with internal magnetics
- 16pin signal pin versions available
- Available with LEDs
- Suitable for CAT 5 & 6 Fast Ethernet Cable or better UTP
- Internal magnetics are 100% electrically tested for HI-POT and functionality
- Meet IEEE 802.3af standards with 350mA
- Meet IEEE 802.3at standards with 600mA
- Meet IEEE 802.3bt standards with 1A



YUAN DEAN SCIENTIFIC



RJ45 Integrated Jack
56F(10G PoE) SERIES

With Magnetics
Single Port
10G Base-T
PoE/PoE+/PoE++
TAB Up



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

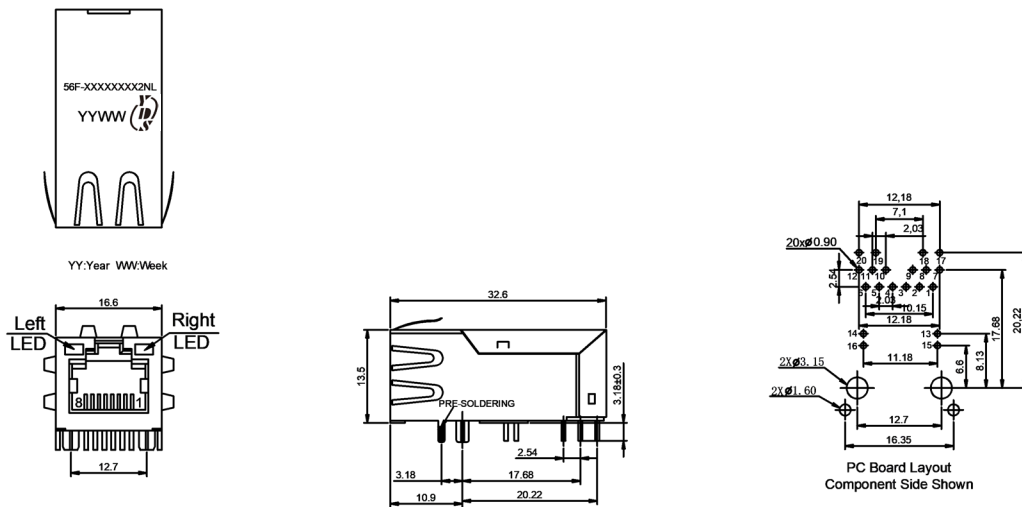
Part Number	Turns Ratio (±5%)	LEDs	Insertion Loss (dB MAX)	Return Loss (dB MIN)				Crosstalk (dB TYP)		CDMR (dB TYP)		Hipot (Vrms) @60Hz	POE Current
		L/R		1-400 MHz	1-100 MHz	100-200 MHz	200-400 MHz	400-500 MHz	1-100 MHz	100-500 MHz	1-250 MHz		
56F-16061DDD2NL	1CT:1CT	Y&G / G&Y	-2.0	-13	-10	-7	-6	-40	-30	-30	-22	1500	350mA
56F-16062DDD2NL	1CT:1CT	Y&G / G&Y	-2.0	-13	-10	-7	-6	-40	-30	-30	-22	1500	600mA



Electrical Specifications@25°C-Operating Temperature -40°C to 85°C

Part Number	Turns Ratio (±5%)	LEDs	Insertion Loss (dB MAX)	Return Loss (dB TYP)		Crosstalk (dB MIN)		CMR (dB MIN)			CDMR (dB MIN)		Hipot (VDC) @60Hz	POE Current
				1-100 MHz	100-500 MHz	1-100 MHz	100-500 MHz	1-100 MHz	100-300 MHz	300-500 MHz	1-250 MHz	250-500 MHz		
56F-1606GGDZ2NL	1CT:1CT	G/G	-2.0	-22	-22+18.27log(f/100MHz)	-28	-19	-35	-30	-25	-30	-22	2250	1A

Mechanical and Dimension



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

Schematics

56F-1606XXXX

