

FEATURES:

- LAN interface suitable for 10/100Base-TX applications
- RJ45/USB stacked design saves on PCB real estate
- USB module complies with USB 2.0 standards and meets CAT5 Fast Ethernet industry performance standard
- Magnetics are 100% electrically tested for HI-POT and continuity
- Meets or exceeds IEEE 802.3 and ANSI X3.263 standards including 350 μ H minimum OCL with 8 mA bias



YUAN DEAN SCIENTIFIC



RJ45 Jack 43F/44F SERIES

With Magnetics
Single Port/USB
10/100 Base-T
TAB Up
USB Integrated



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

Part Number	Turns Ratio ($\pm 5\%$)	Insertion Loss (dB MAX)	Return Loss (dB MIN@100 Ω $\pm 15\Omega$)			Crosstalk (dB TYP)	CMR (dB MIN)	Hipot (Vrms)
			1-100 MHz	1-30 MHz	30-60 MHz			
43F-1201DYD2NL	1CT:1CT	-1.0dB	-18dB	-18+20Log(F/30MHz)	-12dB	-35dB	-30dB	1500
44F-10107DYD2NL	1CT:1CT	-1.2dB	-16dB	-12	-10dB	-30dB	-30dB	1500VAC or 2250VDC

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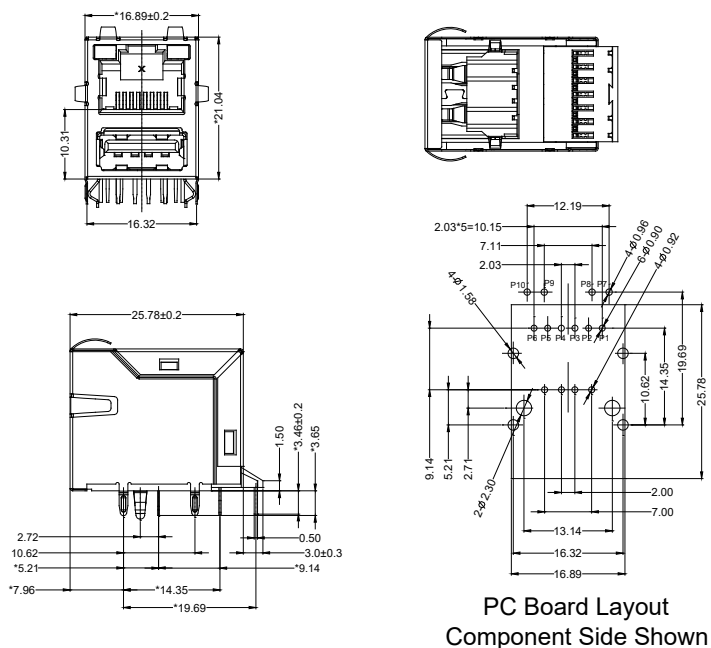
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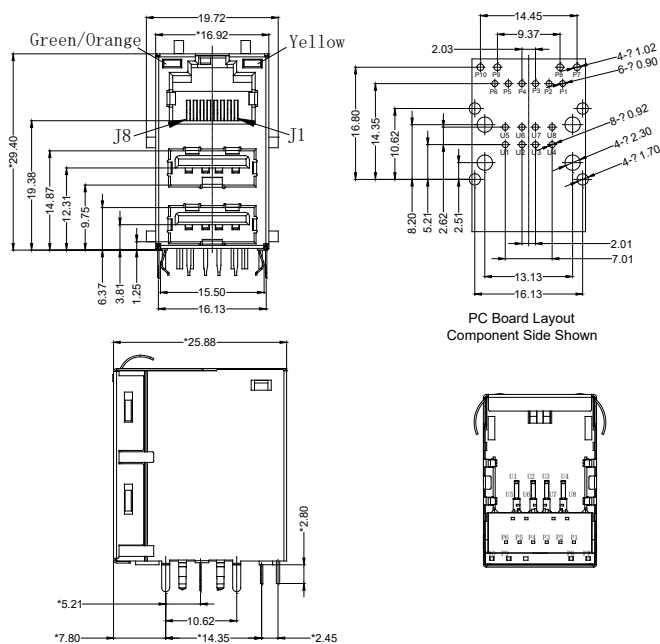
Rev:2 2022/07/15

Mechanical and Dimension

43F

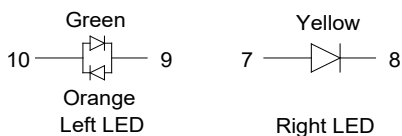
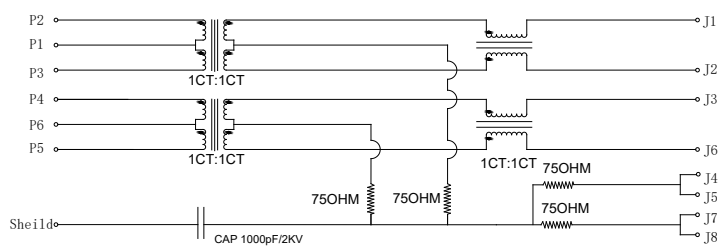


44F



Schematics

43F



44F

