

RJ45 Durability Testing Rating

Part Number	Mating Force (MAX)	Unmating Force (MAX)	Durability	Plug to Jack Retention (MIN)
J00 Series	5lbs./2.268kgs.	5lbs./2.268kgs.	750 Insertions	20lbs./9.072kgs.

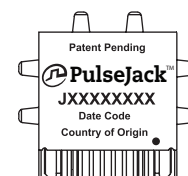
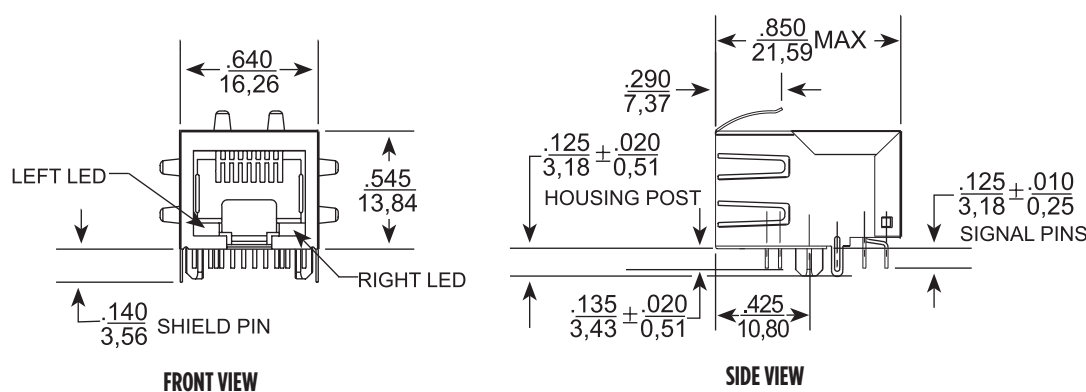
RJ45 Material Specification

Part Number	Turns Ratio		Contact			Housing		MSL ² Rating
	Material	Finish	Material	Plating Area	Solder Area	Material	Specification	
J00 Series	Brass	20-40m inches Nickel over 10-20m inches Brass	Phosphor Bronze	Nickel underplating and selective gold plating 15μ inches	Tin matte finish	Thermoplastic	UL 94 V-0	1

Notes:

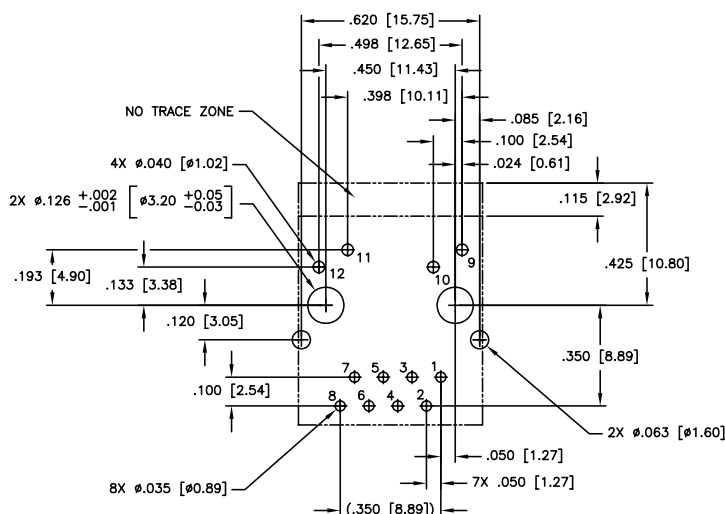
- Connector dimensions comply with FCC dimension requirements
- MSL - Moisture Sensitivity Level class limits = 1 to 5 (Highest: 1; Lowest: 5).

J00-00XXL Series Mechanicals

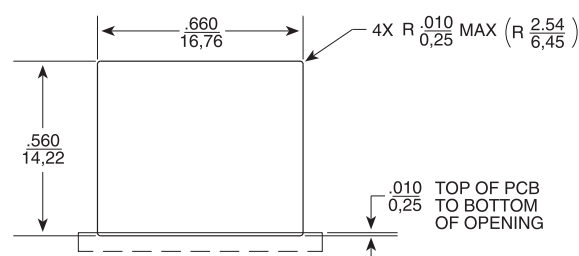


Connector Marking

(An example - parts are marked on the top or end surface as shown)



View from PCB component side

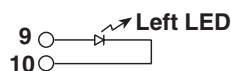


Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

LED Configuration

Green / Yellow LED Specification - (LEDs without internal resistors)

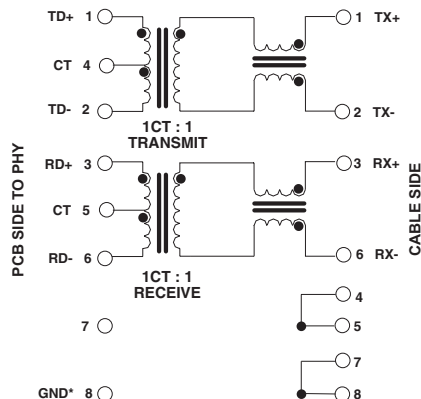


Standard LED	Wavelength	Forward* V(MAX)	(TYP)
Yellow	585 nm	2.5 V	2.1 V
Green	565 nm	2.5 V	2.2 V

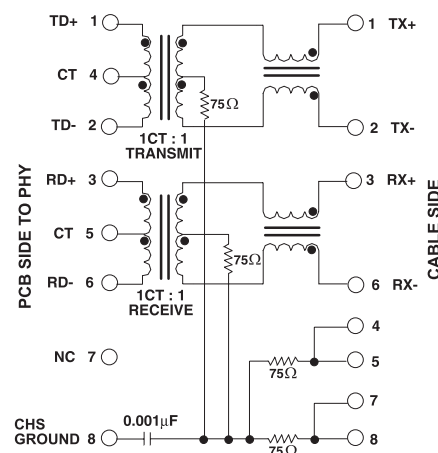
* Assumes bias current = 20mA

J00-00XX Series Electrical Schematics

J00-0042NL/66NL

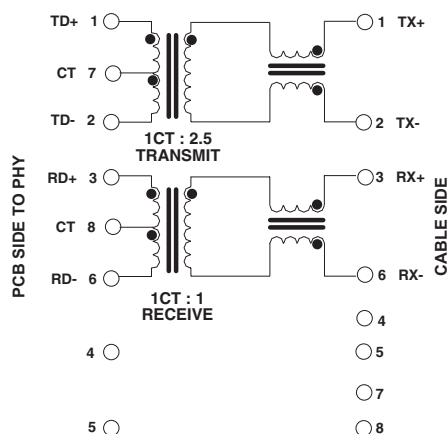


J00-0014NL/45NL/61NL/65NL



J00-00XX Series Electrical Schematics

J00-0051NL/62NL/63NL



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