

**MODEL:** CRJ059-L1-TH | **DESCRIPTION:** MODULAR JACK

**FEATURES**

- 8P8C (RJ45)
- LED
- shielded
- mounting flange
- high temp plastic


**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				150	Vac
rated current				1.5	A
withstanding voltage	for 1 minute		1,500		Vac
contact resistance				40	mΩ
insulation resistance		500			MΩ
insertion/withdrawal force				6.12	kgf
operating temperature		0		70	°C
storage temperature		-40		80	°C
life			1,000		cycles
flammability rating	UL94V-0				
RoHS	yes				
packaging	carton size: 400 x 303 x 258 mm tray QTY: 120 pcs per tray carton QTY: 1,320 pcs per carton				

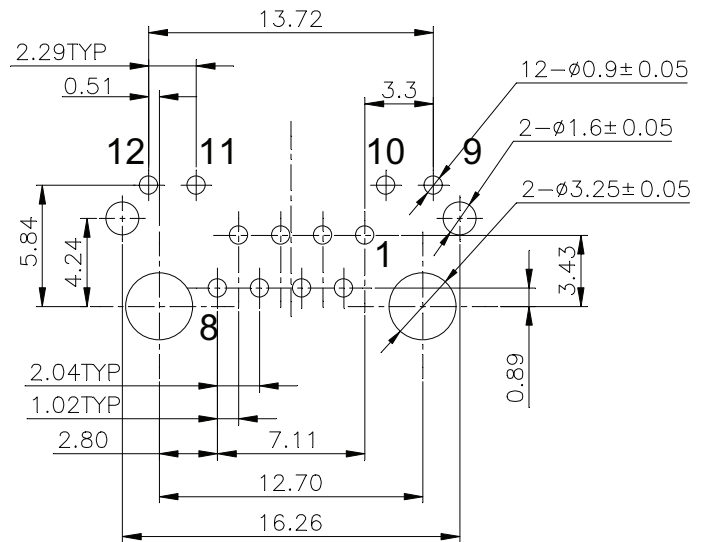
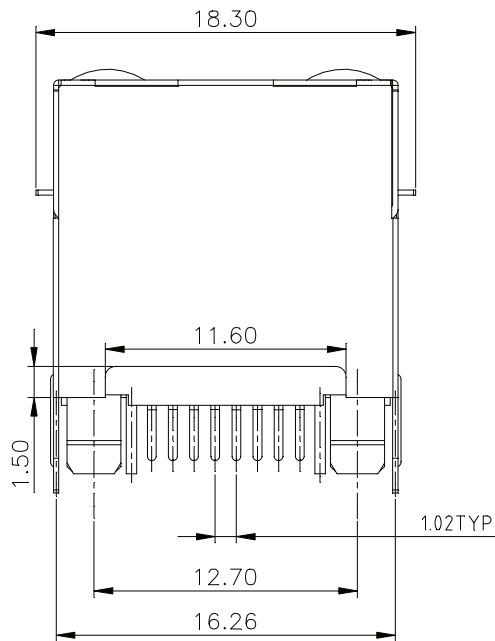
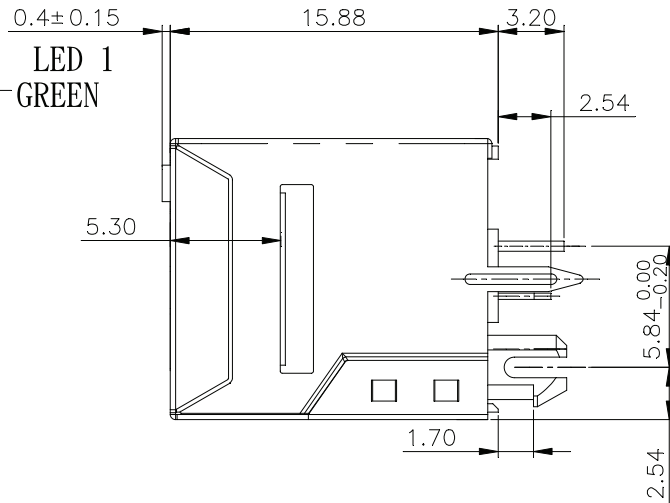
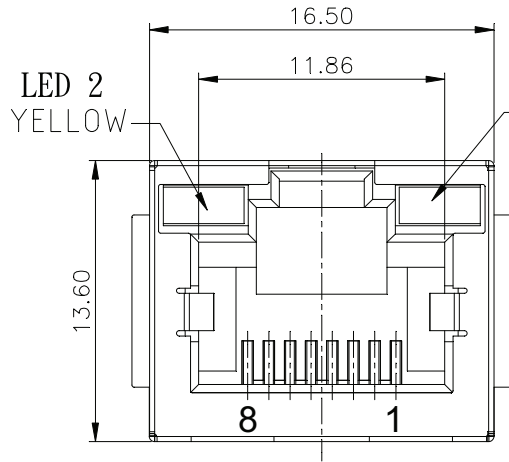
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
wave soldering	for maximum 5 seconds			260	°C

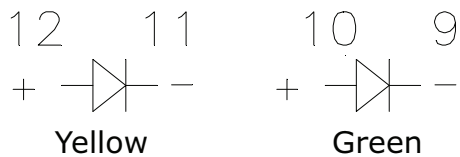
## MECHANICAL DRAWING

units: mm  
 tolerance:  
 X ±0.5 mm  
 X.X ±0.38 mm  
 X.XX ±0.25 mm  
 X.XXX ±0.10 mm  
 PCB: ±0.05 mm  
 PCB thickness: 1.6 mm  
 unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	PA9T [UL94V-0]	black
2	contact terminals	phosphor bronze	contact area: 6 μ" gold over nickel solder area: tin over nickel
3	shield	brass	nickel alloy



Recommended PCB Layout  
Top View



LED COLOR	WAVELENGTH	FORWARD VOLTAGE at IF 20 mA
Green	565-575 nm	2.5 V max
Yellow	585-595 nm	2.5 V max

## REVISION HISTORY

rev.	description	date
1.0	initial release	04/16/2021
1.01	updated packaging	10/05/2021
1.02	logo, datasheet style update	08/05/2022

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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