

MODEL: CRJ048-LG-TH | **DESCRIPTION:** MODULAR JACK**FEATURES**

- 8P8C (RJ45)
- LED
- shielded
- spring tabs
- gold flash plating

**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: 225 pcs per tray carton QTY: 2,250 pcs per carton				

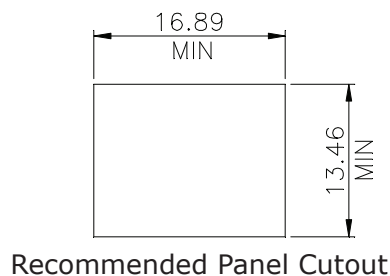
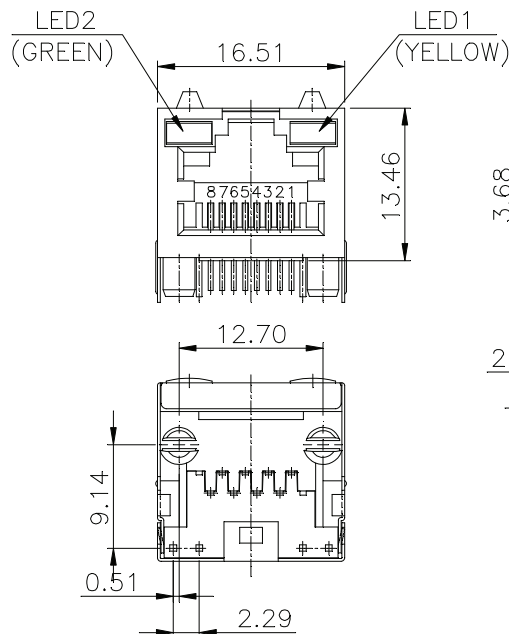
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	for maximum 5 seconds			240	°C

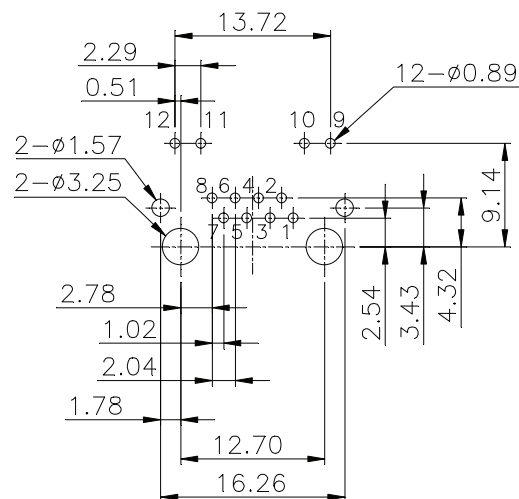
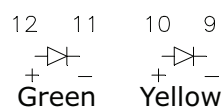
MECHANICAL DRAWING

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	PBT (UL94V-0)	black
2	contact terminals	phosphor bronze	contact area: gold flash over nickel solder area: tin over nickel
3	shield	brass	nickel alloy



LED Schematic



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	03/30/2021

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

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