Additional Resources: Product Page | PCB Footprint

**CUI** DEVICES

**date** 04/16/2021

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MODEL: CRJ022-G-TH | DESCRIPTION: MODULAR JACK

#### **FEATURES**

- 8P8C (RJ45)
- shielded
- gold flash plating
- 1x2 port



### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				150	Vac
rated current				1.5	Α
withstanding voltage	for 1 minute		1,500		Vac
contact resistance				40	mΩ
insulation resistance		500			ΜΩ
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: 110 pcs per tray carton QTY: 1,100 pcs per carton				

## **SOLDERABILITY**

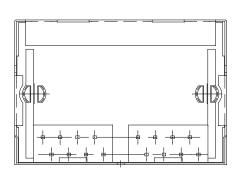
parameter	conditions/description	min	typ	max	units
wave soldering	for maximum 5 seconds			240	°C

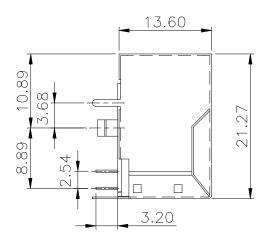
## **MECHANICAL DRAWING**

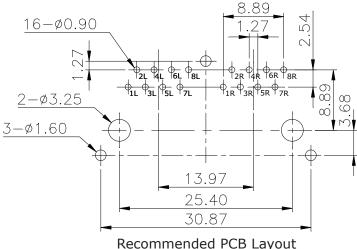
units: mm tolerance: X ±0.5 mm X.X ±0.38 mm X.XX ±0.25 mm X.XXX ±0.10 mm PCB: ±0.05 mm PCB thickness: 1.6 mm unless otherwise noted

31.12	
25.40	13.80

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







Recommended PCB Layout Top View

Additional Resources: Product Page | PCB Footprint

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#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	04/16/2021

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

# **CUI** DEVICES

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

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