

**date** 08/05/2022

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# MODEL: CRJ023-5-TH | DESCRIPTION: MODULAR JACK

#### **FEATURES**

- 8P8C (RJ45)
- shielded
- gold over nickel plating
- through hole





### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
<u>·</u>	conditions/description		гур		-
rated voltage				150	Vac
rated current				1.5	Α
withstanding voltage	for 1 minute		1,500		Vac
contact resistance				40	mΩ
insulation resistance		500			МΩ
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: 220 pcs per tray carton QTY: 2,200 pcs per carton				

## **SOLDERABILITY**

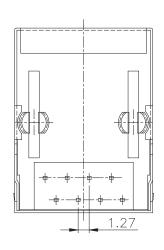
parameter	conditions/description	min	typ	max	units
wave soldering	for maximum 5 seconds			240	°C

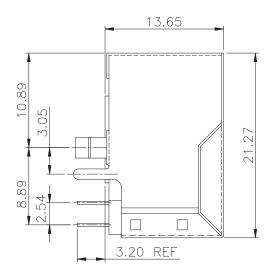
### **MECHANICAL DRAWING**

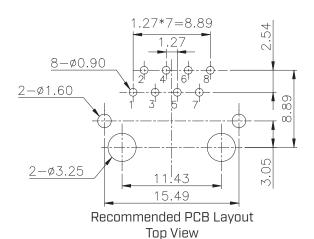
units: mm tolerance: X ±0.5 mm X.X ±0.38 mm X.XX ±0.25 mm X.XXX ±0.10 mm PCB: ±0.05 mm PCB thickness: 1.6 mm unless otherwise noted

	15.88		
13.45	11.43		

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PBT (UL94V-0)	black
2	insert	PBT (UL94V-0)	gray
3	contact terminals	phosphor bronze	contact area: 50 μ" gold over nickel solder area: tin over nickel
4	shield	brass	nickel alloy







Additional Resources: Product Page | PCB Footprint

CUI DEVICES | MODEL: CRJ023-5-TH | DESCRIPTION: MODULAR JACK

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### **REVISION HISTORY**

rev.	description	date
1.0	initial release	04/16/2021
1.01	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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