

CUI DEVICES

date 04/05/2021

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SERIES: CRJ043 | DESCRIPTION: MODULAR JACK

FEATURES

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



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: 100 pcs per tray carton QTY: 2,600 pcs per carton				

SOLDERABILITY

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

PART NUMBER KEY

CRJ043 - X - TH

Base Number

Contact Plating Thickness (gold):

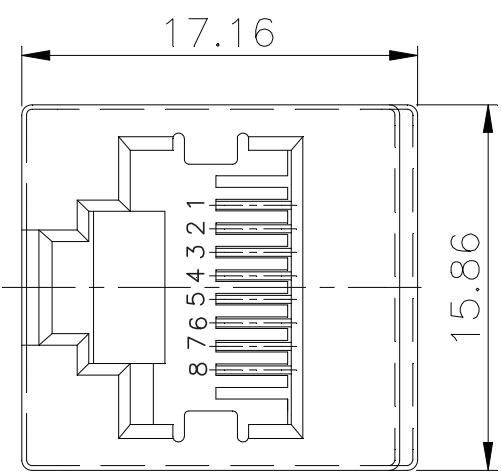
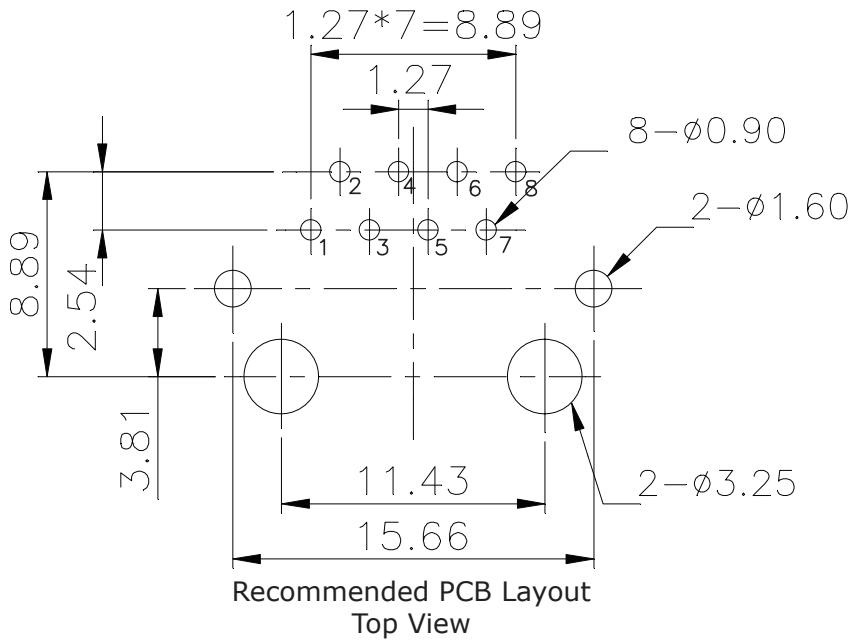
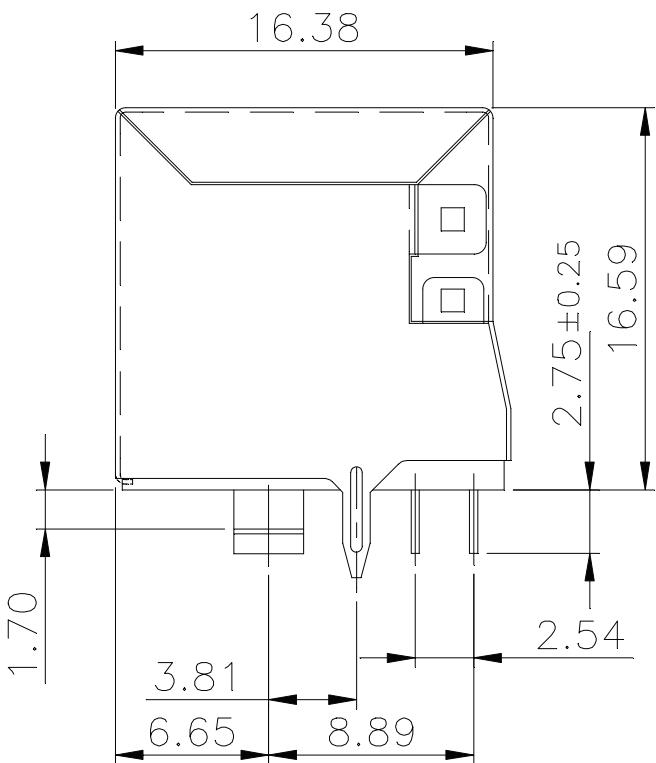
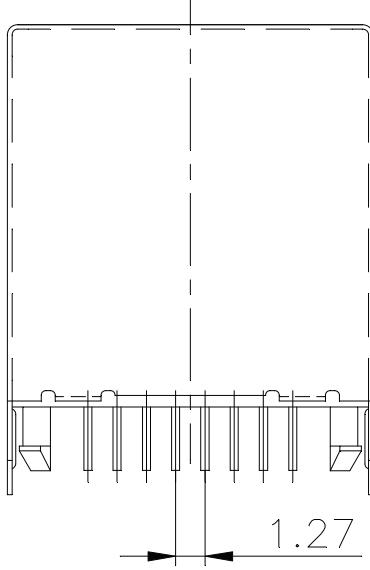
1 = 6 μ "

5 = 50 μ "

MECHANICAL DRAWING

units: mm
tolerance:
 $X \pm 0.5$ mm
 $X.X \pm 0.38$ mm
 $X.XX \pm 0.25$ mm
 $X.XXX \pm 0.10$ 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 over nickel solder area: tin over nickel
3	shield	brass	nickel alloy



REVISION HISTORY

rev.	description	date
1.0	initial release	04/05/2021

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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