CUI DEVICES

SERIES: CRJ043 | DESCRIPTION: MODULAR JACK

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



RoHS

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

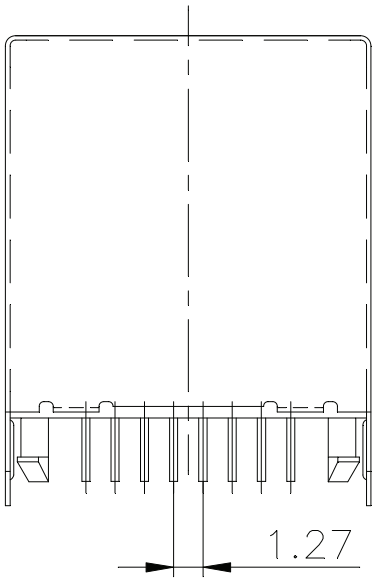
Base Number

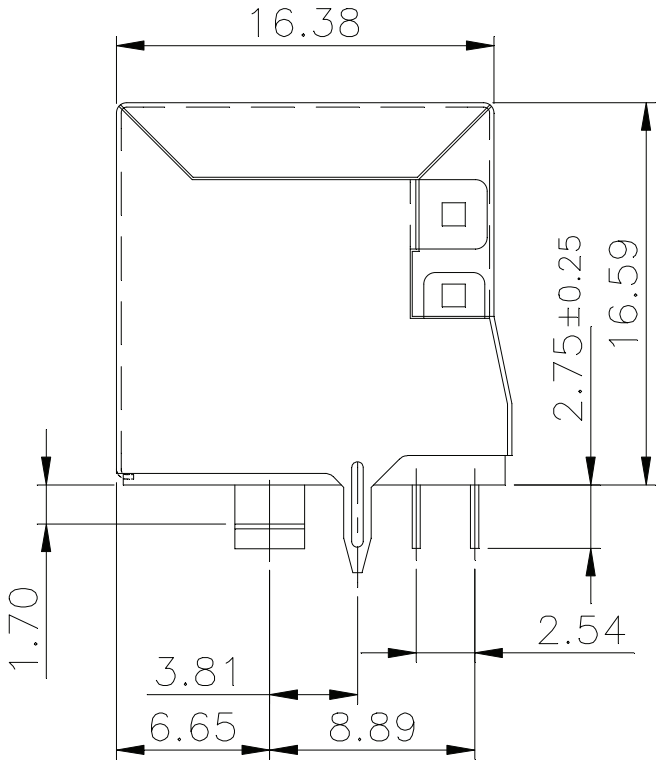
Contact Plating Thickness (gold):
1 = 6 µ"
5 = 50 µ"

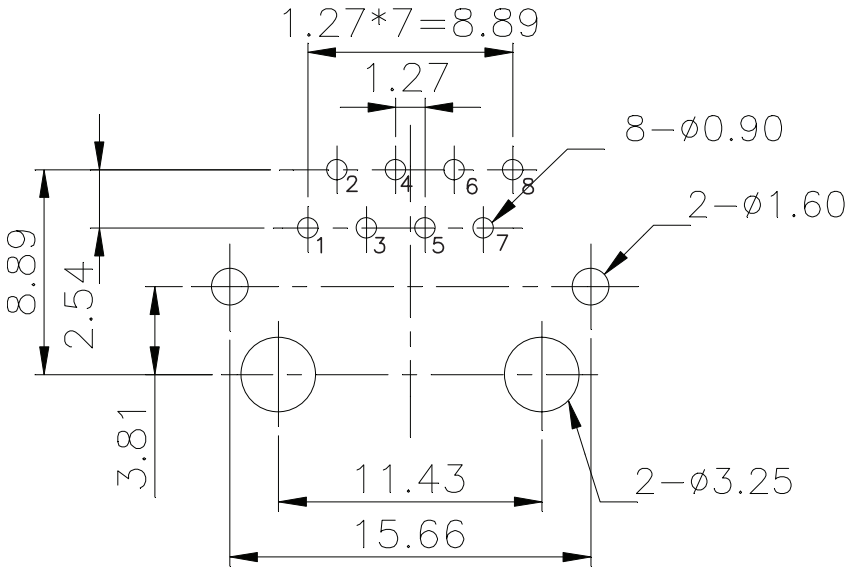
MECHANICAL DRAWING

units: mm
tolerance:
X ±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

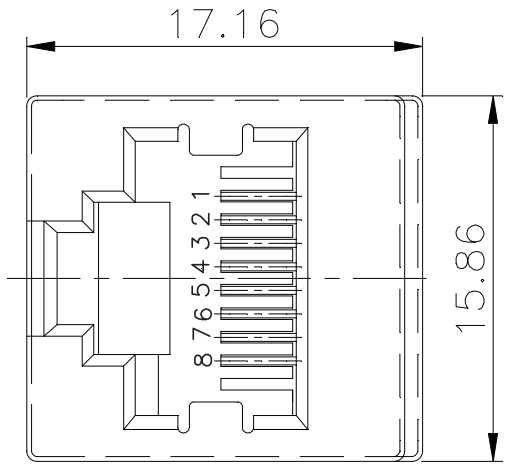
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	PBT (UL94V-0)	black
2	contact terminals	phosphor bronze	contact area: gold over nickel solder area: tin over nickel
3	shield	brass	nickel alloy







Recommended PCB Layout
Top View



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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