Additional Resources: Product Page | PCB Footprint

CUI DEVICES

date 04/16/2021

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MODEL: CRJ037-5-TH | DESCRIPTION: MODULAR JACK

FEATURES

- 8P8C (RJ45)
- 2x6 port
- shielded
- spring tabs



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				150	Vac
rated current				1.5	А
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: 464 x 285 x 358 mm tray QTY: 20 pcs per tray carton QTY: 200 pcs per carton				

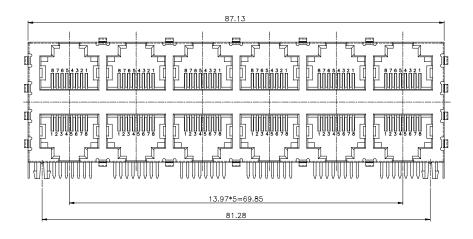
SOLDERABILITY

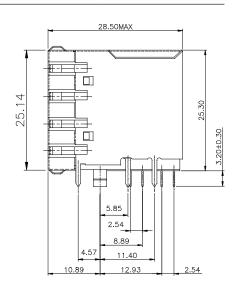
parameter	conditions/description	min	typ	max	units
wave soldering	for maximum 5 seconds			240	°C

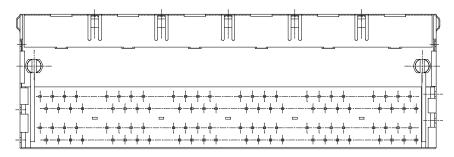
MECHANICAL DRAWING

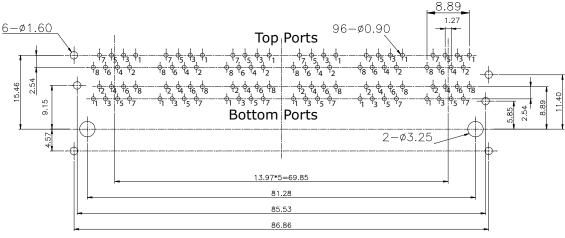
units: mm tolerance: X ±0.5 mm $X.X \pm 0.38 \text{ mm}$ $X.XX \pm 0.25 mm$ $X.XXX \pm 0.10 \text{ mm}$ PCB: ±0.05 mm PCB thickness: 1.6 mm unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	PBT (UL94V-0)	black
2	contact terminals	phosphor bronze	contact area: 50 µ" gold over nickel solder area: tin over nickel
3	shield	stainless steel	









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

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