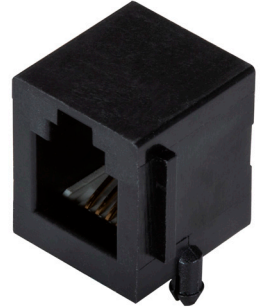


**MODEL:** CRJ031-5-TH | **DESCRIPTION:** MODULAR JACK

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**FEATURES**

- 8P8C (RJ45)
- 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: 90 pcs per tray carton QTY: 2,700 pcs per carton				

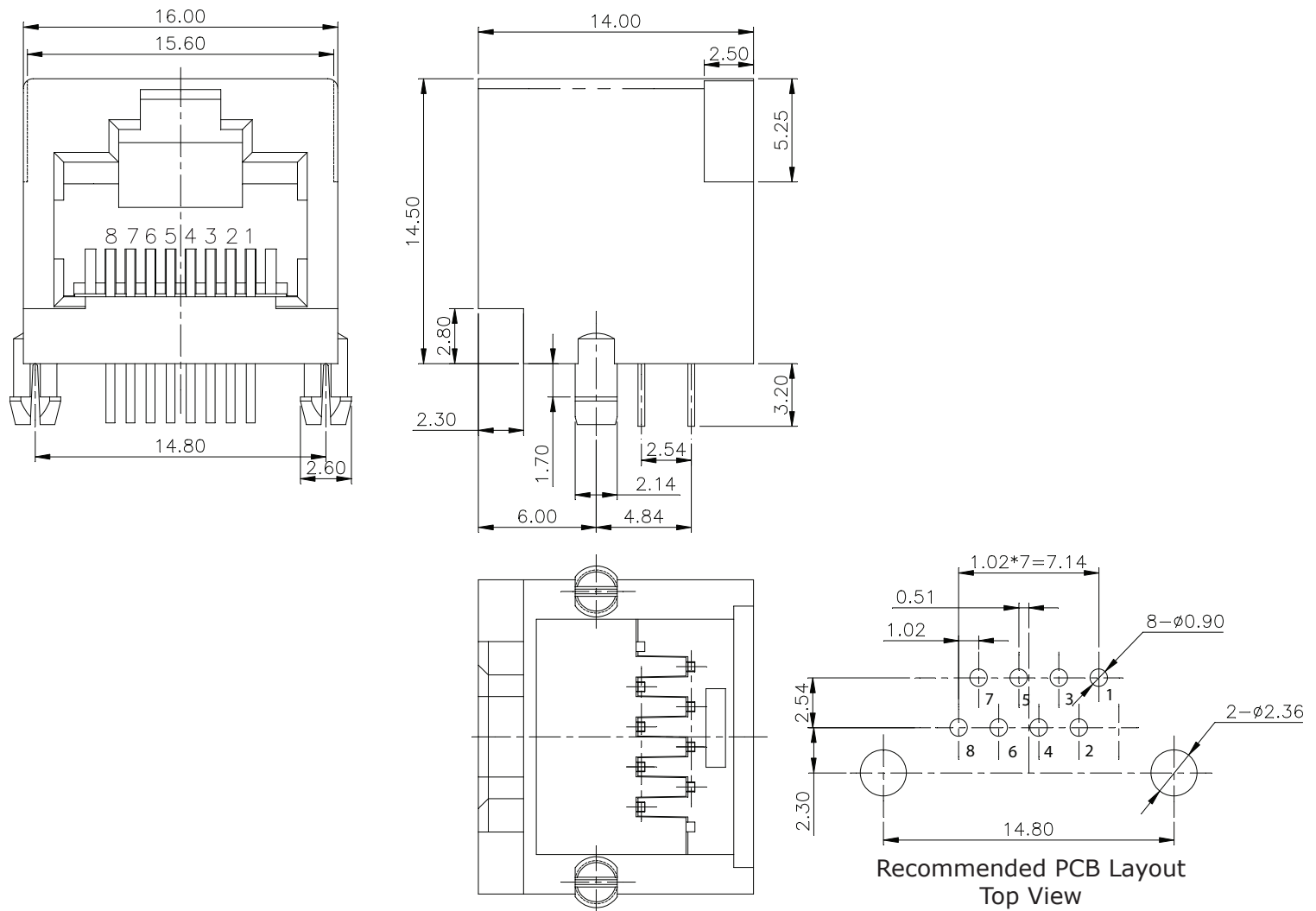
**SOLDERABILITY**

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

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 X  $\pm 0.5$  mm  
 X.X  $\pm 0.38$  mm  
 X.XX  $\pm 0.25$  mm  
 X.XXX  $\pm 0.10$  mm  
 PCB:  $\pm 0.05$  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 $\mu$ " gold over nickel solder area: matte tin over nickel



## REVISION HISTORY

rev.	description	date
1.0	initial release	03/29/2021

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

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