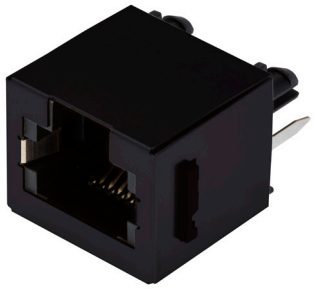
CUI Devices is now Same Sky! Learn More

MODEL: CRJ025-1-TH | DESCRIPTION: MODULAR JACK

FEATURES

- 6P6C (RJ12)
- 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		-40		85	°C
storage temperature		-40		85	°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: 3,000 pcs per carton				

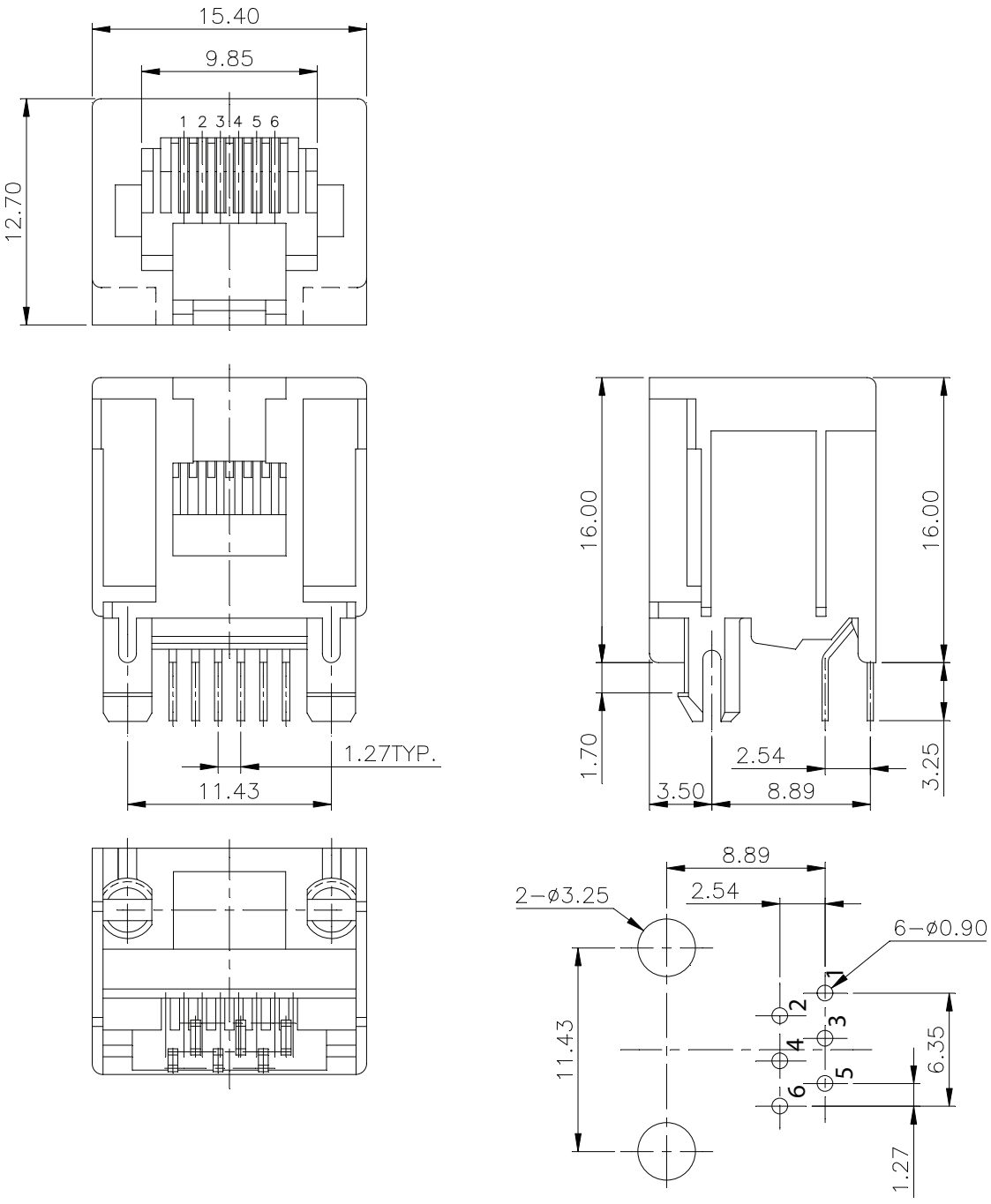
SOLDERABILITY

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

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	PBT (UL94V-0)	black
2	contact terminals	phosphor bronze	contact area: 6 µ" gold over nickel solder area: matte tin over nickel



Recommended PCB Layout
Top View

REVISION HISTORY

rev.	description	date
1.0	initial release	04/16/2021
1.01	logo, datasheet style update	08/05/2022
1.02	updated temperature ranges	11/18/2022
1.03	CUI Devices rebranded to Same Sky	09/12/2024

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

same sky

Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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