

PREVIOUS CUI DEVICES DETAIL / IMAGE

	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
plastic	PBT	

NEW CUI DEVICES DETAIL / IMAGE

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
housing	PBT (UL94V-0)	black

PREVIOUS CUI DEVICES DETAIL / IMAGE

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current			2.5		A
contact resistance ¹	between terminal and mating plug		50		mΩ
	between terminal in a closed circuit		30		mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute		500		Vac
insertion/withdrawal force		0.3	3		kg
terminal strength	any direction for 10 seconds		500		g
operating temperature		-25	85		°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

Note:

1. When measured at a current of less than 100 mA/1 kHz

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contact resistance ¹	between terminal and mating plug		50		mΩ
	between terminal in a closed circuit		30		mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute		500		Vac
insertion/withdrawal force		0.5	2		kg
operating temperature		-25	85		°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

Affected Date Code: **06/30/2023**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality



Product Management



F-723-001

Revision: A