

PREVIOUS CUI DEVICES DETAIL / IMAGE			NEW CUI DEVICES DETAIL / IMAGE		
	MATERIAL	PLATING	DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	copper	nickel	center pin	brass	nickel
terminal 1	brass	tin	terminal 1	brass	tin
terminal 2	copper alloy	tin	terminal 2	copper alloy	tin
terminal 3	brass	tin	terminal 3	brass	tin
plastic	PBT		housing	PBT (UL94V-0)	black

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SPECIFICATIONS						SPECIFICATIONS						
parameter	conditions/description	min	typ	max	units	parameter	conditions/description	min	typ	max	units	
rated input voltage			24		Vdc	rated input voltage			24		Vdc	
rated input current			2.5		A	rated input current				2.5	A	
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ	contact resistance	between terminal and mating plug between terminal in a closed circuit				50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ	insulation resistance	at 500 Vdc	100				MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac	voltage withstand	for 1 minute			500	Vac	
insertion/withdrawal force		0.3		3	kg	insertion/withdrawal force		0.5		2	kg	
terminal strength	any direction for 10 seconds			500	g	operating temperature		-25		85	°C	
operating temperature		-25		85	°C	life			5,000		cycles	
life			5,000		cycles	flammability rating	UL94V-0					
flammability rating	UL94V-0					RoHS	yes					
RoHS	yes											

Note: 1. When measured at a current of less than 100 mA/1 sec

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

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

Product Management