

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

PREVIOUS CUI DEVICE'S DETAIL / IMAGE						NEW CUI DEVICE'S DETAIL / IMAGE					
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				5.0	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
RoHS	UL94V-0		5,000		cycles	flamability rating	UL94V-0				
RoHS	yes					RoHS	yes				
<small>Note: 1. when measured at a current of less than 100 mA/1 kHz</small>											

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

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

Product Management