

PREVIOUS CUI DEVICE'S DETAIL / IMAGE			NEW CUI DEVICE'S DETAIL / IMAGE		
	MATERIAL	PLATING	DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	copper alloy	silver	terminal 1	brass t=0.20	tin over nickel
terminal 2	stainless steel	silver	terminal 2	stainless steel t=0.25	silver over nickel
terminal 3	copper alloy	silver	terminal 3	stainless steel t=0.2	silver over nickel
terminal 4	brass	silver	terminal 4	brass t=0.35	silver over nickel
terminal 5	brass	silver	terminal 5	brass t=0.35	silver over nickel
terminal 6	brass	silver	terminal 6	brass t=0.35	silver over nickel
terminal 10	brass	silver	bushing	copper alloy	nickel
terminal 11	brass	silver	switch/slide housing	PA66+15%GF (UL94V-0)	black
bushing	brass	nickel	housing	PBT (UL94V-0)	black
plastic	PA66		bakelite	PF	brown
contact clip	C5210	silver	contact clip	copper alloy t=0.05	silver over nickel

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SPECIFICATIONS						SPECIFICATIONS					
parameter	conditions/description	min	typ	max	units	parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc	rated input voltage			15		Vdc
rated input current			1		A	rated input current			1		A
contact resistance	between terminal and mating plug, between terminal in a closed circuit		50	30	mΩ	contact resistance	terminals 1-3, terminals 4-6			50	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		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g	terminal strength				500	g
operating temperature		-40		85	°C	operating temperature		-20		70	°C
life			5,000		cycles	storage temperature		-40		85	°C
flammability rating	UL94V-0					life			5,000		cycles
RoHS	yes					flammability rating	UL94V-0				
						RoHS	yes				

SOLDERABILITY						SOLDERABILITY					
parameter	conditions/description	min	typ	max	units	parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5+0.5 seconds at	255	260	265	°C	wave soldering	dipped in solder pot for 4-6 seconds		250		°C

Affected Date Code: **06/05/2023**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality



Product Management



F-723-001

Revision: A