

PREVIOUS CUI DEVICES DETAIL / IMAGE			NEW CUI DEVICES DETAIL / IMAGE		
DESCRIPTION	MATERIAL	PLATING/COLOR	DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	silver	center pin	brass	CuSn
terminal 1	brass t=0.50	silver	terminal 1	brass t=0.30	silver
terminal 2	bronze t=0.25	silver	terminal 2	phosphor bronze t=0.30	silver
terminal 3	brass t=0.50	silver	terminal 3	brass t=0.30	silver
housing	PA10T (UL94V-0)	black	housing	PA10T (UL94V-0)	black
<p>MATING PLUG Jack Insertion Depth: 5.9 mm</p>			<p>MATING PLUG Jack Insertion Depth: 3.1 mm</p>		

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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			3.5		A	rated input current			3.5		A
contact resistance			30		mΩ	contact resistance			30		mΩ
insulation resistance	at 500 Vdc	100			MΩ	insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac	voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3	2		kg	insertion/withdrawal force		0.3	3		kg
operating temperature		-25		85	°C	operating temperature		-25		80	°C
life			5,000		cycles	life			5,000		cycles
flammability rating	UL94V-0					flammability rating	UL94V-0				
RoHS	yes					RoHS	yes				
SOLDERABILITY					SOLDERABILITY						
parameter	conditions/description	min	typ	max	units	parameter	conditions/description	min	typ	max	units
reel storage	10-30°C, <70% humidity				°C	reel storage	0-30°C, 70% humidity				°C
reflow soldering	see reflow profile	250	250		°C	reflow soldering	see reflow profile			250	°C
drying conditions	parts in reel bake at 100°C for 4 hours parts removed from reel bake at 100°C for 4 hours					drying conditions	bake at 100°C for 4 hours				
<p>Note:</p> <ol style="list-style-type: none"> CUI Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature >30°C @ relative humidity <40%. When exceeding flow life by 1500 hours. 					<p>* Time 25°C to Peak Temp. --- 8 Minute Max. * Time within 5°C of Actual Peak Temp. --- 30-40 Seconds</p>						
PACKAGING					PACKAGING						
<p>units: mm</p> <p>Reel Size: 8000 mm</p> <p>Reel QTY: 7000 pcs per reel</p> <p>1. GATHER MATERIAL DIRECTION</p> <p>2. INPUT MATERIAL DIRECTION</p> <p>COVER TAPE</p> <p>CARRIER TAPE</p>					<p>units: mm</p> <p>Reel Size: 8000 mm</p> <p>Reel QTY: 5000 pcs per reel</p> <p>COVER TAPE</p> <p>CARRIER TAPE</p> <p>NOTE:</p> <ol style="list-style-type: none"> CARRIER TAPE PACKING LENGTH: 1. CARRIER TAPE PACKING LENGTH: 304.8mm TRAILER CONNECTORS LEADER(START) SET WITH 20mm Empty Connectors Empty START <p>2. REELING FORCE: 0.2N~1.5N (20g~150g)</p>						



Affected Date Code: All orders placed after **04/18/2024**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

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Product Management

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