

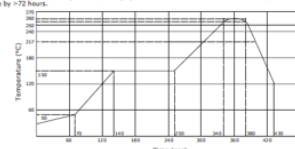
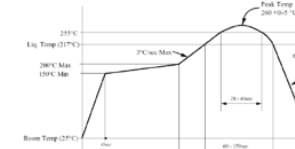
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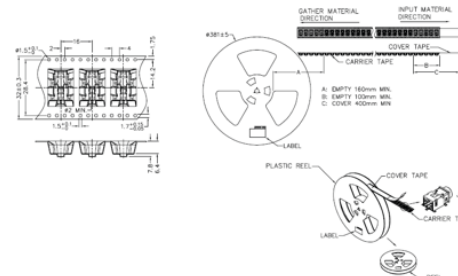
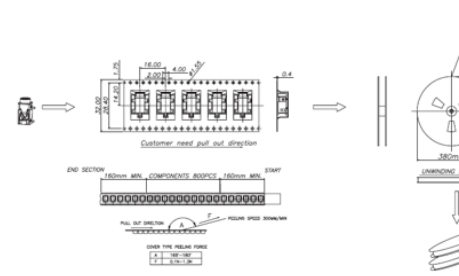
PREVIOUS CUI DEVICES DETAIL / IMAGE				NEW CUI DEVICES DETAIL / IMAGE			
		MATERIAL	PLATING			MATERIAL	PLATING/COLOR
terminal 1		copper alloy	silver	terminal 1		phosphor bronze	silver
terminal 2		copper alloy	silver	terminal 2		phosphor bronze	silver
terminal 3		copper alloy	silver	terminal 3		phosphor bronze	silver
terminal 4		copper alloy	silver	terminal 4		phosphor bronze	silver
plastic		PA10T		housing		PA9T (UL94V-0)	black

SPECIFICATIONS					
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

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parameter	conditions/description	min	typ	max	units
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rated input current				1	A
contact resistance	between terminal and mating plug between terminal in a closed circuit			100 30	mΩ
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flammability rating	UL94V-0				
RoHS	yes				

PREVIOUS CUI DEVICES DETAIL / IMAGE				NEW CUI DEVICES DETAIL / IMAGE							
SOLDERABILITY						SOLDERABILITY					
parameter	conditions/description	min	typ	max	units	parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C	reel storage	<40°C <80% humidity				
reflow soldering ¹	see reflow profile	255	260	265	°C	reflow soldering	see reflow profile	255	260	265	°C
drying conditions ²	parts in reel: bake at 40°C ±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours										

<p>Note:</p> <p>1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.</p> <p>2. When exceeding floor life by >72 hours.</p> 											
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PREVIOUS CUI DEVICES DETAIL / IMAGE				NEW CUI DEVICES DETAIL / IMAGE			
PACKAGING				PACKAGING			
units: mm Reel Size: Ø381 mm Reel QTY: 700 pcs per reel				units: mm Reel Size: Ø380 mm Reel QTY: 600 pcs per reel			
							



Affected Date Code: **10/01/2023**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

A handwritten signature in black ink, appearing to read "Robert Griffin", written over a horizontal line.

Product Management

A handwritten signature in black ink, appearing to read "J. Chads", written over a horizontal line.