

Product Change Notice (PCN)

Date: **05/23/2023**

PCN Number: **PCN-0454916R-01**

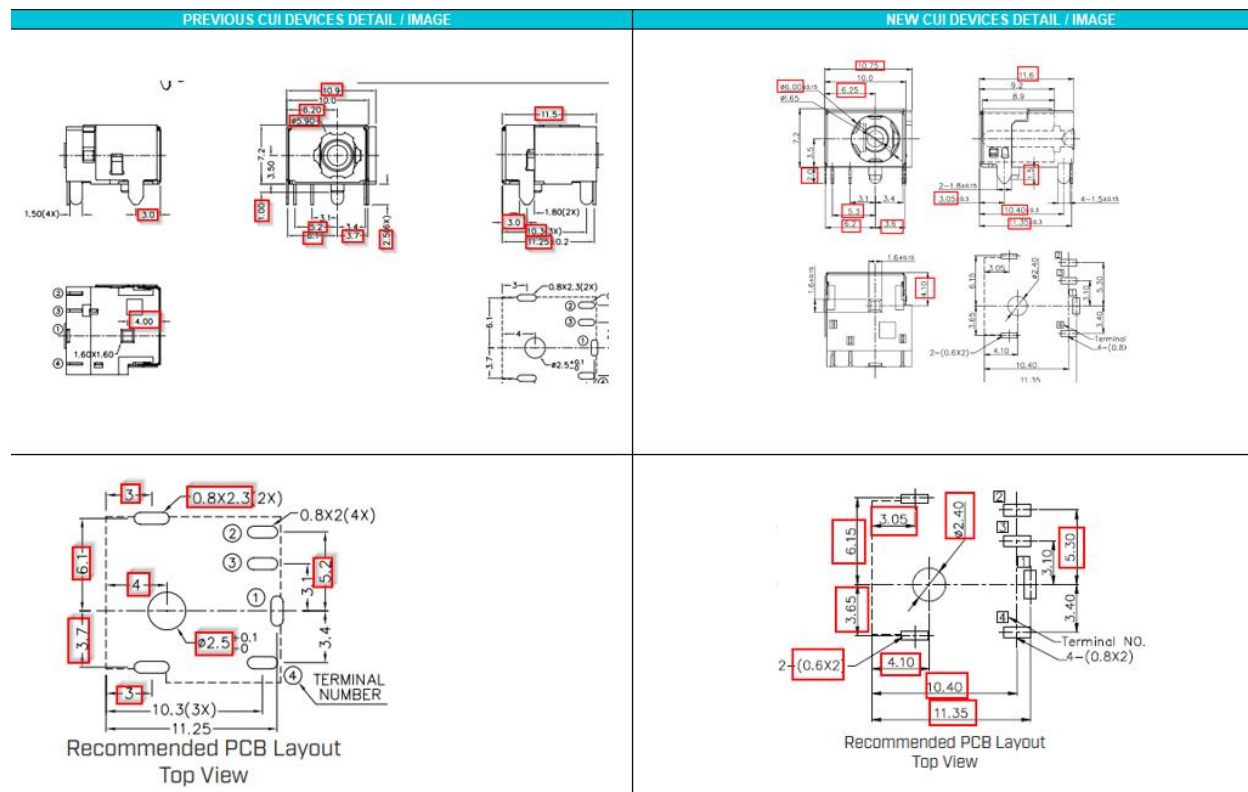
To Our Customers:

We appreciate your use of our products. Our commitment in maintaining and improving processes is demonstrated by plans to enhance our product quality, reliability, and manufacturability. The purpose of this notice is to inform you of a product change.

Product(s) Affected: **PJ-085H**

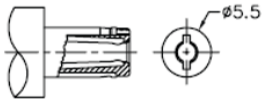
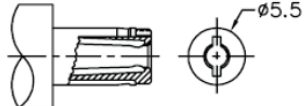
Reason(s) for Change: **Manufacturing process improvements**

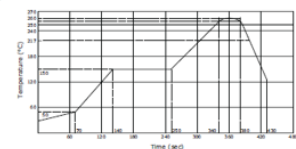
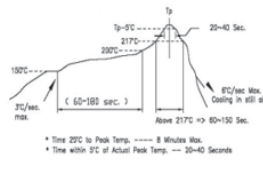
Description of Change: **Minor Housing and footprint differences. Material Change on the housing and terminals. See image Below**

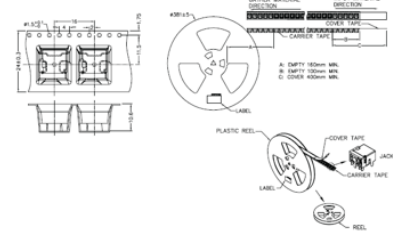
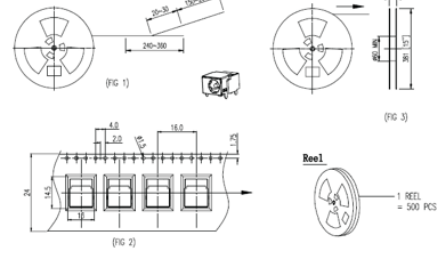


F-723-001

Revision: A

PREVIOUS CUI DEVICE'S DETAIL / IMAGE			NEW CUI DEVICE'S DETAIL / IMAGE		
 MATING PLUG Jack Insertion Depth: 8.2 mm			 MATING PLUG Jack Insertion Depth: 9.2 mm		
	MATERIAL	PLATING			
center pin	copper	nickel	DESCRIPTION	MATERIAL	PLATING
terminal 1	brass	silver	center pin	brass	nickel
terminal 2	copper alloy	silver	terminal 1	brass	silver
terminal 3	brass	silver	terminal 2	phosphor bronze	silver
terminal 4	copper alloy	silver	terminal 3	brass	silver
shield A	brass	nickel	terminal 4	phosphor bronze	silver
shield B	stainless steel		shield A	brass	nickel
insulator	PA10T		shield B	stainless steel	clean
			housing	PA10T (UL94V-0)	black

PREVIOUS CUI DEVICE'S DETAIL / IMAGE			NEW CUI DEVICE'S DETAIL / IMAGE																																																		
SOLDERABILITY <table border="1"> <thead> <tr> <th>parameter</th><th>conditions/description</th><th>min</th><th>typ</th><th>max</th><th>units</th></tr> </thead> <tbody> <tr> <td>real storage</td><td>at relative humidity <80%</td><td></td><td>40</td><td></td><td>°C</td></tr> <tr> <td>reflow soldering¹</td><td>see reflow profile</td><td>255</td><td>260</td><td>265</td><td>°C</td></tr> <tr> <td>drying conditions²</td><td>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</td><td></td><td></td><td></td><td></td></tr> </tbody> </table> Note: 1. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <80%. 2. When unsealing from 90 to >10 hours. 			parameter	conditions/description	min	typ	max	units	real storage	at relative humidity <80%		40		°C	reflow soldering ¹	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					SOLDERABILITY <table border="1"> <thead> <tr> <th>parameter</th><th>conditions/description</th><th>min</th><th>typ</th><th>max</th><th>units</th></tr> </thead> <tbody> <tr> <td>real storage</td><td>at relative humidity <80%</td><td></td><td>40</td><td></td><td>°C</td></tr> <tr> <td>reflow soldering¹</td><td>see reflow profile</td><td>255</td><td>260</td><td>265</td><td>°C</td></tr> <tr> <td>drying conditions²</td><td>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</td><td></td><td></td><td></td><td></td></tr> </tbody> </table> Note: 1. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <80%. 2. When unsealing from 90 to >10 hours. 			parameter	conditions/description	min	typ	max	units	real storage	at relative humidity <80%		40		°C	reflow soldering ¹	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				
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units: mm Reel Size Ø380 mm Reel QTY: 500 pcs per reel 		units: mm Reel Size Ø380 mm Reel QTY: 500 pcs per reel 	
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Affected Date Code: 05/19/2023

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

A handwritten signature in black ink, appearing to read "Robert D. Davis", positioned above a horizontal line.

Product Management

A handwritten signature in black ink, positioned above a horizontal line.