

Product Change Notice (PCN)

Date: **4/19/2023**

PCN Number: **PCN-0450031R-01**

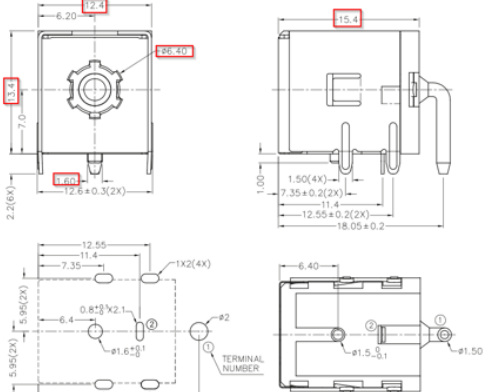
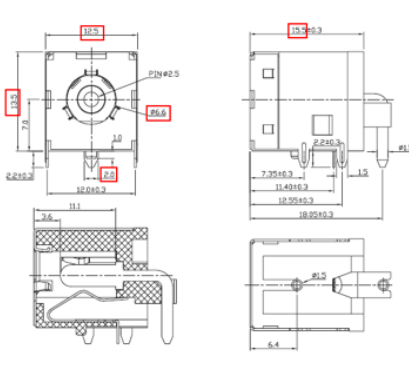
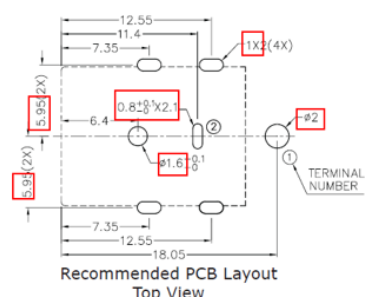
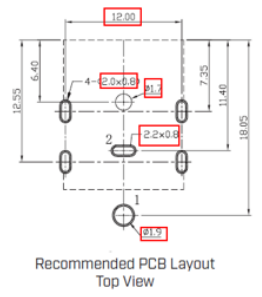
To Our Customers:

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-080BH

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

Description of Change: mechanical, material, soldering, and packaging differences as shown below:

PREVIOUS CUI DEVICES DETAIL / IMAGE	NEW CUI DEVICES DETAIL / IMAGE
	
 <p>Recommended PCB Layout Top View</p>	 <p>Recommended PCB Layout Top View</p>

	MATERIAL	PLATING
terminal 1	brass	silver
terminal 2	copper alloy	silver
stopper	cold rolled steel	nickel
shield A	cold rolled steel	nickel
shield B	stainless steel	
plastic	PA6T or equivalent	

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	nickel
terminal 1	brass	nickel
terminal 2	bronze	nickel
shield	brass	nickel
housing	PA9T (UL94V-0)	black

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds at	255	260	265	°C
reel storage	at relative humidity <80%			40	%
reflow soldering ^a	see reflow profile	255	260	265	°C
drying conditions ^a	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				

Note: 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
2. When exceeding flow life by >72 hours.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	reel opened to unsealed parts packaged within 2 hours: <30°C, <60% humidity reel unopened, 1 year shelf life: <30°C, <60% humidity				
reflow soldering	see reflow profile			260	°C
drying conditions	parts removed from reel over 6 hours: bake at 40°C for 6 hours				

Note: 1. Our Devices recommends drying of the product within 3 hours after tape is opened. After 3 hours, Our Devices recommends drying the parts prior to use.

Reel Size: Ø331 mm.
Reel QTY: 220 pcs per reel

A. Empty 160 mm min.
B. Empty 150 mm min.
C. Cover 400 mm min.

Reel Size Ø330 mm
Reel QTY: 220 pcs per reel

NOTE: 1. REEL RESISTANCE: R_{REF} = 10mΩ
2. FUSE LINE: 0.05S 300mA/10kVdc

Affected Date Code: 4/19/23

Product Availability: *Channel Availability Q2*

Additional Information:

PCN Approval:

Operations/Quality

Roger Davies

Product Management

F-723-001

Revision: A