

## Product Change Notice (PCN)

Date: **5/3/2024**

PCN Number: **PCN-0456212R-01**

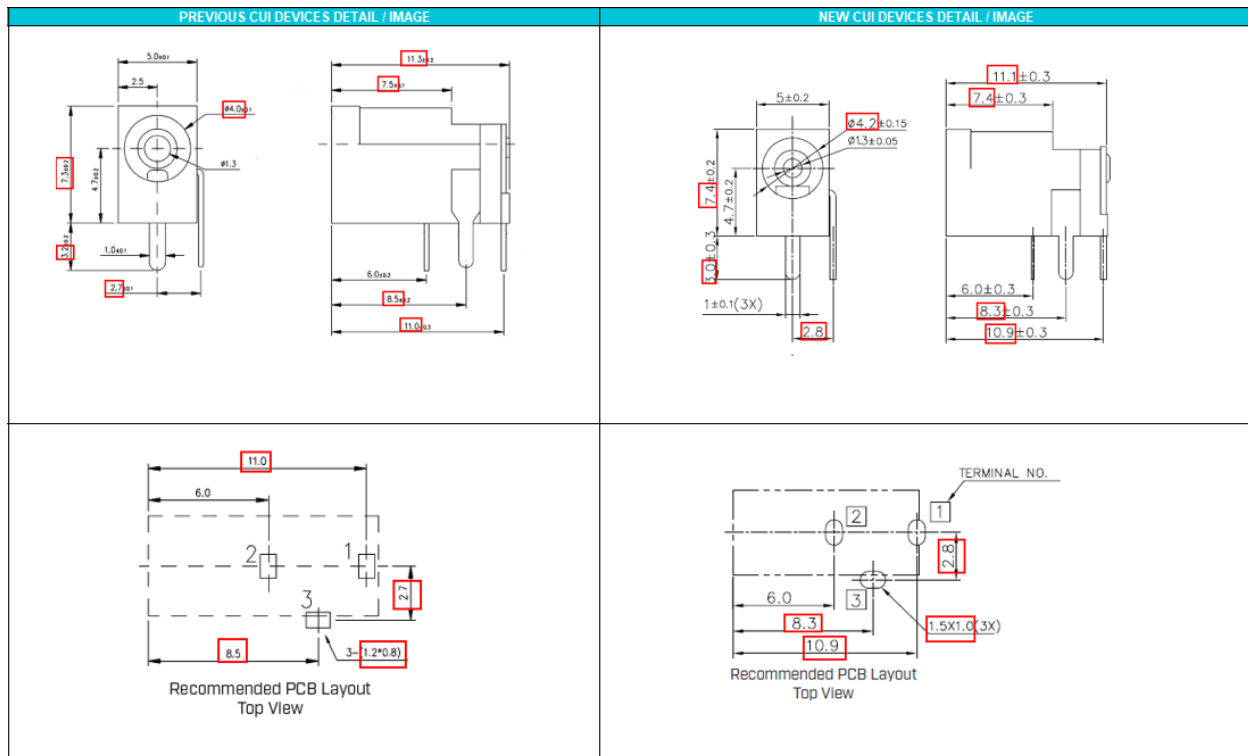
To Our Customers:

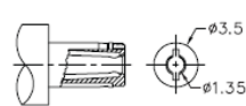
We appreciate your use of our products. Our commitment in maintaining and improving processes is demonstrated by plans to enhance our product quality, reliability, and manufacturability. The purpose of this notice is to inform you of a product change.

Product(s) Affected: **PJ-007**

Reason(s) for Change: **Manufacturing Improvement processes**

Description of Change: **Product re-engineered for improved manufacturability and production yield. See image below for product changes. Cosmetic differences may be visible and not affect the form fit and function of the product.**



PREVIOUS CUI DEVICES DETAIL / IMAGE				NEW CUI DEVICES DETAIL / IMAGE																																																																																																																																							
<table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>MATERIAL</th> <th>PLATING/COLOR</th> </tr> </thead> <tbody> <tr> <td>center pin</td> <td>brass</td> <td>silver</td> </tr> <tr> <td>terminal 1</td> <td>brass t=0.50</td> <td>silver</td> </tr> <tr> <td>terminal 2</td> <td>brass t=0.50</td> <td>silver</td> </tr> <tr> <td>terminal 3</td> <td>brass t=0.50</td> <td>silver</td> </tr> <tr> <td>cover</td> <td>PA10T (UL94V-0)</td> <td>black</td> </tr> <tr> <td>housing</td> <td>PA10T (UL94V-0)</td> <td>black</td> </tr> </tbody> </table>				DESCRIPTION	MATERIAL	PLATING/COLOR	center pin	brass	silver	terminal 1	brass t=0.50	silver	terminal 2	brass t=0.50	silver	terminal 3	brass t=0.50	silver	cover	PA10T (UL94V-0)	black	housing	PA10T (UL94V-0)	black	<table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>MATERIAL</th> <th>PLATING/COLOR</th> </tr> </thead> <tbody> <tr> <td>center pin</td> <td>brass</td> <td>CuSn</td> </tr> <tr> <td>terminal 1</td> <td>brass t=0.40</td> <td>silver</td> </tr> <tr> <td>terminal 2</td> <td>stainless steel t=0.20</td> <td>silver</td> </tr> <tr> <td>terminal 3</td> <td>brass t=0.40</td> <td>silver</td> </tr> <tr> <td>cover</td> <td>PA10T (UL94V-0)</td> <td>black</td> </tr> <tr> <td>housing</td> <td>PA10T (UL94V-0)</td> <td>black</td> </tr> </tbody> </table>				DESCRIPTION	MATERIAL	PLATING/COLOR	center pin	brass	CuSn	terminal 1	brass t=0.40	silver	terminal 2	stainless steel t=0.20	silver	terminal 3	brass t=0.40	silver	cover	PA10T (UL94V-0)	black	housing	PA10T (UL94V-0)	black																																																																																										
DESCRIPTION	MATERIAL	PLATING/COLOR																																																																																																																																									
center pin	brass	silver																																																																																																																																									
terminal 1	brass t=0.50	silver																																																																																																																																									
terminal 2	brass t=0.50	silver																																																																																																																																									
terminal 3	brass t=0.50	silver																																																																																																																																									
cover	PA10T (UL94V-0)	black																																																																																																																																									
housing	PA10T (UL94V-0)	black																																																																																																																																									
DESCRIPTION	MATERIAL	PLATING/COLOR																																																																																																																																									
center pin	brass	CuSn																																																																																																																																									
terminal 1	brass t=0.40	silver																																																																																																																																									
terminal 2	stainless steel t=0.20	silver																																																																																																																																									
terminal 3	brass t=0.40	silver																																																																																																																																									
cover	PA10T (UL94V-0)	black																																																																																																																																									
housing	PA10T (UL94V-0)	black																																																																																																																																									
<p><b>MATING PLUG</b> Jack Insertion Depth: 7.0 mm</p>				 <p><b>MATING PLUG</b> Jack Insertion Depth: 6.2 mm</p>																																																																																																																																							
<p><b>SPECIFICATIONS</b></p> <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>rated input voltage</td> <td></td> <td></td> <td>24</td> <td></td> <td>Vdc</td> </tr> <tr> <td>rated input current</td> <td></td> <td></td> <td>3.5</td> <td></td> <td>A</td> </tr> <tr> <td>contact resistance</td> <td></td> <td></td> <td></td> <td>50</td> <td>mΩ</td> </tr> <tr> <td>insulation resistance</td> <td>at 500 Vdc</td> <td>100</td> <td></td> <td></td> <td>MΩ</td> </tr> <tr> <td>voltage withstand</td> <td></td> <td></td> <td>500</td> <td></td> <td>Vac</td> </tr> <tr> <td>insertion/withdrawal force</td> <td></td> <td>0.3</td> <td></td> <td>2</td> <td>kg</td> </tr> <tr> <td>operating temperature</td> <td></td> <td>-20</td> <td></td> <td>85</td> <td>°C</td> </tr> <tr> <td>life</td> <td></td> <td></td> <td>5,000</td> <td></td> <td>cycles</td> </tr> <tr> <td>flammability rating</td> <td>UL94V-0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>RoHS</td> <td>yes</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				parameter	conditions/description	min	typ	max	units	rated input voltage			24		Vdc	rated input current			3.5		A	contact resistance				50	mΩ	insulation resistance	at 500 Vdc	100			MΩ	voltage withstand			500		Vac	insertion/withdrawal force		0.3		2	kg	operating temperature		-20		85	°C	life			5,000		cycles	flammability rating	UL94V-0					RoHS	yes					<p><b>SPECIFICATIONS</b></p> <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>rated input voltage</td> <td></td> <td></td> <td>24</td> <td></td> <td>Vdc</td> </tr> <tr> <td>rated input current</td> <td></td> <td></td> <td>3.5</td> <td></td> <td>A</td> </tr> <tr> <td>contact resistance</td> <td></td> <td></td> <td></td> <td>50</td> <td>mΩ</td> </tr> <tr> <td>insulation resistance</td> <td>at 500 Vdc</td> <td>100</td> <td></td> <td></td> <td>MΩ</td> </tr> <tr> <td>voltage withstand</td> <td></td> <td></td> <td>500</td> <td></td> <td>Vac</td> </tr> <tr> <td>insertion/withdrawal force</td> <td></td> <td>0.3</td> <td></td> <td>3</td> <td>kg</td> </tr> <tr> <td>operating temperature</td> <td></td> <td>-20</td> <td></td> <td>85</td> <td>°C</td> </tr> <tr> <td>life</td> <td></td> <td></td> <td>5,000</td> <td></td> <td>cycles</td> </tr> <tr> <td>flammability rating</td> <td>UL94V-0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>RoHS</td> <td>yes</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				parameter	conditions/description	min	typ	max	units	rated input voltage			24		Vdc	rated input current			3.5		A	contact resistance				50	mΩ	insulation resistance	at 500 Vdc	100			MΩ	voltage withstand			500		Vac	insertion/withdrawal force		0.3		3	kg	operating temperature		-20		85	°C	life			5,000		cycles	flammability rating	UL94V-0					RoHS	yes				
parameter	conditions/description	min	typ	max	units																																																																																																																																						
rated input voltage			24		Vdc																																																																																																																																						
rated input current			3.5		A																																																																																																																																						
contact resistance				50	mΩ																																																																																																																																						
insulation resistance	at 500 Vdc	100			MΩ																																																																																																																																						
voltage withstand			500		Vac																																																																																																																																						
insertion/withdrawal force		0.3		2	kg																																																																																																																																						
operating temperature		-20		85	°C																																																																																																																																						
life			5,000		cycles																																																																																																																																						
flammability rating	UL94V-0																																																																																																																																										
RoHS	yes																																																																																																																																										
parameter	conditions/description	min	typ	max	units																																																																																																																																						
rated input voltage			24		Vdc																																																																																																																																						
rated input current			3.5		A																																																																																																																																						
contact resistance				50	mΩ																																																																																																																																						
insulation resistance	at 500 Vdc	100			MΩ																																																																																																																																						
voltage withstand			500		Vac																																																																																																																																						
insertion/withdrawal force		0.3		3	kg																																																																																																																																						
operating temperature		-20		85	°C																																																																																																																																						
life			5,000		cycles																																																																																																																																						
flammability rating	UL94V-0																																																																																																																																										
RoHS	yes																																																																																																																																										

Affected Date Code: All orders placed after **04/26/2024**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality



Product Management

