

<table border="1"> <thead> <tr> <th></th> <th>MATERIAL</th> <th>PLATING</th> </tr> </thead> <tbody> <tr> <td>center pin</td> <td>brass</td> <td>silver</td> </tr> <tr> <td>terminal 1</td> <td>brass</td> <td>silver</td> </tr> <tr> <td>terminal 2</td> <td>copper alloy</td> <td>silver</td> </tr> <tr> <td>terminal 3</td> <td>copper alloy</td> <td>silver</td> </tr> <tr> <td>plastic</td> <td>PA6T or equivalent</td> <td></td> </tr> </tbody> </table>		MATERIAL	PLATING	center pin	brass	silver	terminal 1	brass	silver	terminal 2	copper alloy	silver	terminal 3	copper alloy	silver	plastic	PA6T or equivalent		<table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>MATERIAL</th> <th>PLATING/COLOR</th> </tr> </thead> <tbody> <tr> <td>center pin</td> <td>copper alloy</td> <td>silver over nickel</td> </tr> <tr> <td>terminal 1</td> <td>copper alloy t=0.20</td> <td>silver over nickel</td> </tr> <tr> <td>terminal 2</td> <td>copper alloy t=0.25</td> <td>silver over nickel</td> </tr> <tr> <td>terminal 3</td> <td>copper alloy t=0.25</td> <td>silver over nickel</td> </tr> <tr> <td>housing</td> <td>PPA [UL94V-0]</td> <td>black</td> </tr> </tbody> </table>	DESCRIPTION	MATERIAL	PLATING/COLOR	center pin	copper alloy	silver over nickel	terminal 1	copper alloy t=0.20	silver over nickel	terminal 2	copper alloy t=0.25	silver over nickel	terminal 3	copper alloy t=0.25	silver over nickel	housing	PPA [UL94V-0]	black						
	MATERIAL	PLATING																																									
center pin	brass	silver																																									
terminal 1	brass	silver																																									
terminal 2	copper alloy	silver																																									
terminal 3	copper alloy	silver																																									
plastic	PA6T or equivalent																																										
DESCRIPTION	MATERIAL	PLATING/COLOR																																									
center pin	copper alloy	silver over nickel																																									
terminal 1	copper alloy t=0.20	silver over nickel																																									
terminal 2	copper alloy t=0.25	silver over nickel																																									
terminal 3	copper alloy t=0.25	silver over nickel																																									
housing	PPA [UL94V-0]	black																																									
<p>MATING PLUG Jack Insertion Depth: 7.3mm</p>	<p>MATING PLUG Jack Insertion Depth: 7.6mm</p>																																										
<p>SOLDERABILITY</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>reel storage</td> <td>at relative humidity <math>\leq 80\%</math></td> <td></td> <td></td> <td>40</td> <td>$^{\circ}\text{C}$</td> </tr> <tr> <td>reflow soldering¹</td> <td>see reflow profile</td> <td>255</td> <td>260</td> <td>265</td> <td>$^{\circ}\text{C}$</td> </tr> <tr> <td>drying conditions²</td> <td>parts in reel bake at $40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 72 hours parts removed from reel bake at $40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 10 hours</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Note: 1. Must reflow solder within 12 hours from opening vacuum packaging at temperature $\leq 25^{\circ}\text{C}$ & relative humidity $\leq 80\%$. 2. when exceeding floor life by >72 hours.</p>	parameter	conditions/description	min	typ	max	units	reel storage	at relative humidity $\leq 80\%$			40	$^{\circ}\text{C}$	reflow soldering ¹	see reflow profile	255	260	265	$^{\circ}\text{C}$	drying conditions ²	parts in reel bake at $40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 72 hours parts removed from reel bake at $40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 10 hours					<p>SOLDERABILITY</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>reel storage</td> <td>$5-25^{\circ}\text{C}$, 20-75% humidity</td> <td></td> <td></td> <td>40</td> <td>$^{\circ}\text{C}$</td> </tr> <tr> <td>reflow soldering</td> <td>see reflow profile</td> <td>255</td> <td>260</td> <td></td> <td>$^{\circ}\text{C}$</td> </tr> </tbody> </table> <p>Note: 1. CU Devices recommends usage of the product within 24 hours after TBR is opened. After 24 hours, CU Devices recommends drying the parts prior to use.</p>	parameter	conditions/description	min	typ	max	units	reel storage	$5-25^{\circ}\text{C}$, 20-75% humidity			40	$^{\circ}\text{C}$	reflow soldering	see reflow profile	255	260		$^{\circ}\text{C}$
parameter	conditions/description	min	typ	max	units																																						
reel storage	at relative humidity $\leq 80\%$			40	$^{\circ}\text{C}$																																						
reflow soldering ¹	see reflow profile	255	260	265	$^{\circ}\text{C}$																																						
drying conditions ²	parts in reel bake at $40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 72 hours parts removed from reel bake at $40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 10 hours																																										
parameter	conditions/description	min	typ	max	units																																						
reel storage	$5-25^{\circ}\text{C}$, 20-75% humidity			40	$^{\circ}\text{C}$																																						
reflow soldering	see reflow profile	255	260		$^{\circ}\text{C}$																																						
<p>units: mm Reel Size: Ø360 mm Reel QTY: 850 pcs per reel</p> <p>GATHER MATERIAL DIRECTION INPUT MATERIAL DIRECTION</p> <p>COVER TAPE CARRIER TAPE</p> <p>A: Empty 160 mm min. B: Empty 100 mm min. C: Cover 400 mm min.</p> <p>PLASTIC REEL COVER TAPE CARRIER TAPE REEL</p>	<p>units: mm Reel Size: Ø330 mm Reel QTY: 1000 pcs per reel</p> <p>REEL DIRECTION</p>																																										

Affected Date Code: 5/30/2023

Product Availability: Channel Availability Q3

Additional Information:

F-723-001

Revision: A



PCN Approval:

Operations/Quality

Rae Adams

Product Management

RH
