



## 2. PCB Layout differs

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

## 3. Housing material differs

PREVIOUS CUI DEVICES DETAIL / IMAGE

	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 4	copper alloy	silver
terminal 10	brass	silver
terminal 11	brass	silver
plastic	PA10T	

NEW CUI DEVICES DETAIL / IMAGE

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	phosphor bronze t-0.20	silver over nickel
terminal 2	phosphor bronze t-0.20	silver over nickel
terminal 3	phosphor bronze t-0.20	silver over nickel
terminal 4	phosphor bronze t-0.20	silver over nickel
terminal 10	brass t-0.20	silver over nickel
terminal 11	brass t-0.20	silver over nickel
housing	PA9T (UL94V-0)	black

## 4. Reflow Soldering Difference

## PREVIOUS CUI DEVICES DETAIL / IMAGE

### SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering <sup>1</sup>	see reflow profile	235	260	265	°C
drying conditions <sup>2</sup>	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				

Notes:

- Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
- When exceeding four lifts by >72 hours.

Reflow Soldering Profile (Previous) graph showing Temperature (°C) vs Time (sec). The profile starts at 25°C, ramps up to 235°C, holds for 10 seconds, ramps up to 260°C, holds for 10 seconds, and then ramps down to 25°C.

## NEW CUI DEVICES DETAIL / IMAGE

### SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	5-25°C, 20-75% humidity				
reflow soldering	see reflow profile	235	260		°C

Note: <sup>1</sup> CUI Device recommends usage of the product within 30 hours after 100 is opened. After 30 hours, CUI Device recommends drying the parts prior to use.

Reflow Soldering Profile (New) graph showing Temperature (°C) vs Time (sec). The profile starts at 25°C, ramps up to 235°C, holds for 10 seconds, ramps up to 260°C, holds for 10 seconds, and then ramps down to 25°C. The graph also shows a 100°C/min ramp rate and a 100°C/min ramp rate for the final ramp down.

