

| PREVIOUS SAME SKY DETAIL / IMAGE | | | NEW SAME SKY DETAIL / IMAGE | | |
|----------------------------------|---------------------------|---------------|-----------------------------|-----------------|--------------------|
| DESCRIPTION | MATERIAL | PLATING/COLOR | DESCRIPTION | MATERIAL | PLATING/COLOR |
| center pin | brass | silver | center pin | copper | nickel |
| terminal 1 | brass t=0.35 | silver | terminal 1 | brass | silver over nickel |
| terminal 2 | phosphor bronze | silver | terminal 2 | copper alloy | silver over nickel |
| shield | phosphor bronze t=0.25 | silver | shield | copper alloy | --- |
| spring | phosphor bronze t=0.25 | silver | spring | stainless steel | --- |
| housing | PPA (UL94V-0) | black | housing | PA10T (UL94V-0) | black |

MATING PLUG
Jack Insertion Depth **8 mm**

MATING PLUG
Jack Insertion Depth **7.7 mm**

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------|-----|-----|-----|-------|
| SOLDERABILITY | | | | | SOLDERABILITY | | | | | | |
| parameter | conditions/description | min | typ | max | units | parameter | conditions/description | min | typ | max | units |
| reel storage | 10-30°C, <75% humidity | | | | °C | reel storage | 5-35°C, <75% humidity | | | | °C |
| reflow soldering | see reflow profile | 250 | 260 | | °C | reflow soldering | see reflow profile | | | 260 | °C |
| drying conditions ¹ | parts in reel bake at 110°C for 4 hours parts removed from reel bake at 10°C for 4 hours | | | | °C | drying conditions | bake at 120°C for 4 hours | | | | °C |
| <p>Note:</p> <ol style="list-style-type: none"> Same Sky recommends to solder within 72 hours from opening vacuum packaging at temperature <math>100^{\circ}\text{C}</math> @ relative humidity <math>40\%</math>. After unloading from the tray: 100°C. | | | | | <p>* Time 25°C to Peak Temp. --- 8 Minutes Max. * Time within 5°C of Actual Peak Temp. --- 30-40 Seconds</p> | | | | | | |
| PACKAGING | | | | | PACKAGING | | | | | | |
| <p>units: mm</p> <p>Reel Size: Ø330 mm Reel Qty: 1,000 pins per reel</p> | | | | | <p>units: mm</p> <p>Reel Size: Ø330 mm Reel Qty: 1,000 pins per reel</p> <p>NOTE: CARRIER TAPE PACKING LENGTH: TRAILER CONNECTORS LEADER (START) and TRAILER</p> <p>2. REELING FORCE: 0.2N-1.5N (20g-150g)</p> | | | | | | |



Affected Date Code: All orders placed after **10/20/2024**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality



Product Management

