

**MODEL:** PJ-111C-SMT-TR | **DESCRIPTION:** DC POWER JACK**FEATURES**

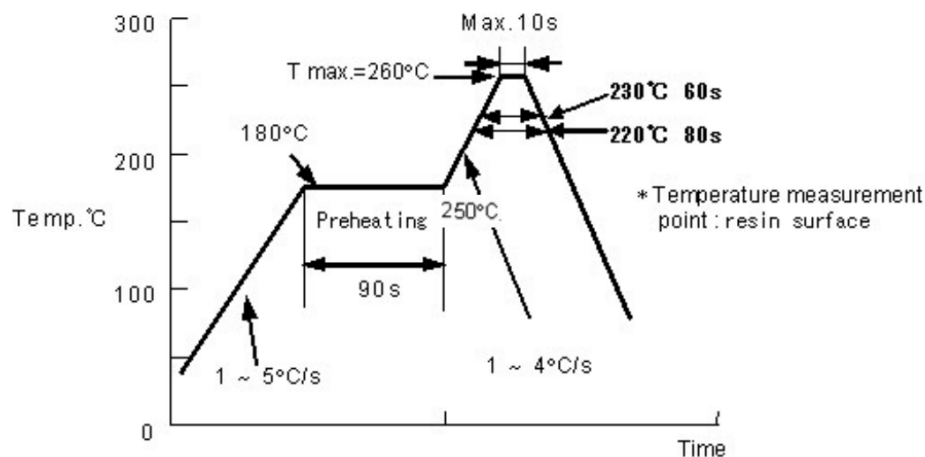
- 1.0 mm center pin
- reflow solder
- tape & reel packaging

**SPECIFICATIONS**

| parameter                  | conditions/description | min | typ   | max | units  |
|----------------------------|------------------------|-----|-------|-----|--------|
| rated input voltage        |                        |     | 30    |     | Vdc    |
| rated input current        |                        |     |       | 1   | A      |
| contact resistance         |                        |     |       | 30  | mΩ     |
| insulation resistance      | at 250 Vdc             | 100 |       |     | MΩ     |
| voltage withstand          | for 1 minute           |     |       | 250 | Vac    |
| insertion/withdrawal force |                        | 0.3 |       | 3   | kg     |
| operating temperature      |                        | -20 |       | 70  | °C     |
| storage temperature        |                        | -40 |       | 85  | °C     |
| life                       |                        |     | 5,000 |     | cycles |
| flammability rating        | UL94V-0                |     |       |     |        |
| RoHS                       | yes                    |     |       |     |        |

**SOLDERABILITY**

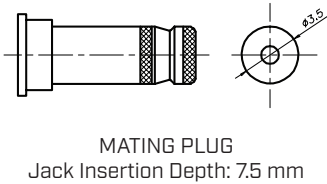
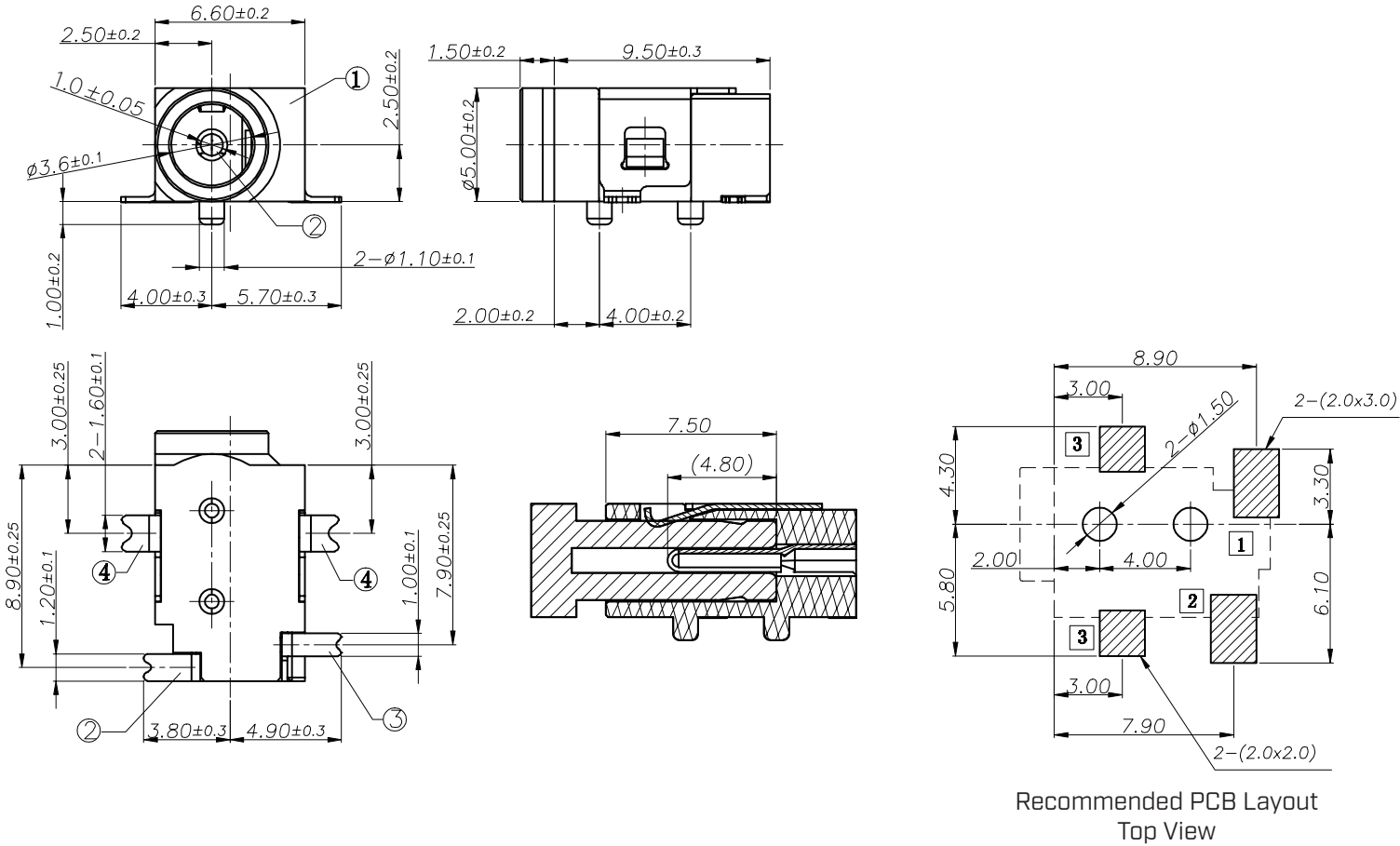
| parameter         | conditions/description    | min | typ | max | units |
|-------------------|---------------------------|-----|-----|-----|-------|
| reel storage      | 5~35°C, <75% humidity     |     |     |     | °C    |
| reflow soldering  | see reflow profile        |     |     | 260 | °C    |
| drying conditions | bake at 120°C for 4 hours |     |     |     |       |



MECHANICAL DRAWING

units: mm  
tolerance:  
X.X: ±0.38 mm  
X.XX: ±0.30 mm  
X.XXX: ±0.15 mm  
PCB: ±0.05 mm  
unless otherwise specified  
PCB thickness: 1.0 mm

| ITEM | DESCRIPTION | MATERIAL        | PLATING/COLOR |
|------|-------------|-----------------|---------------|
| 1    | housing     | PA10T [UL94V-0] | black         |
| 2    | terminal 1  | copper alloy    | silver        |
| 3    | terminal 2  | copper alloy    | silver        |
| 4    | terminal 3  | copper alloy    | silver        |



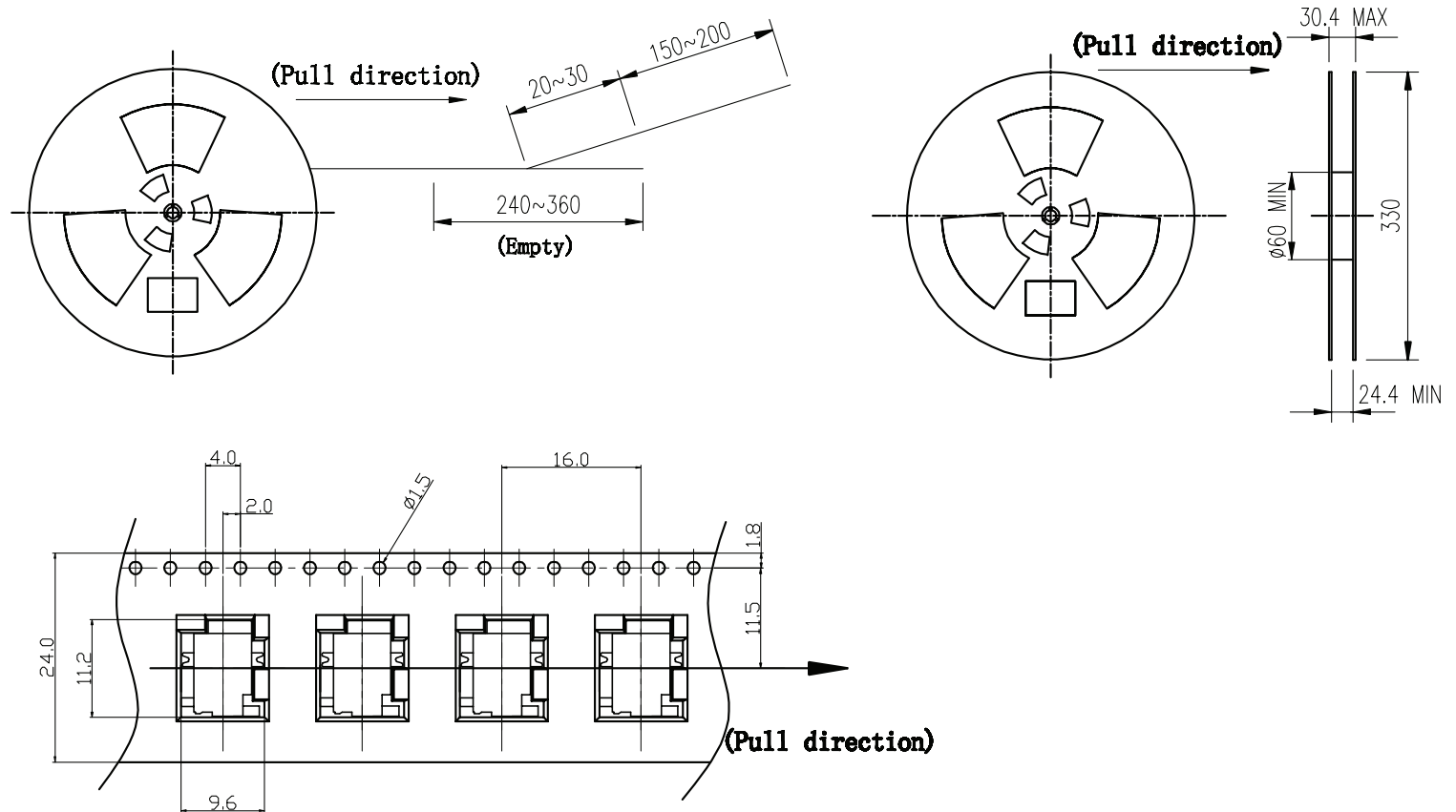
|            |                |
|------------|----------------|
| Schematic  |                |
| Model      | PJ-111C-SMT-TR |
| Center Pin | Ø1.0 mm        |

## PACKAGING

units: mm

Reel Size:  $\varnothing 330$  mm

Reel QTY: 700 pcs per reel



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 09/24/2024 |

The revision history provided is for informational purposes only and is believed to be accurate.



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