

MODEL: SJ3-35044A | **DESCRIPTION:** AUDIO JACK**FEATURES**

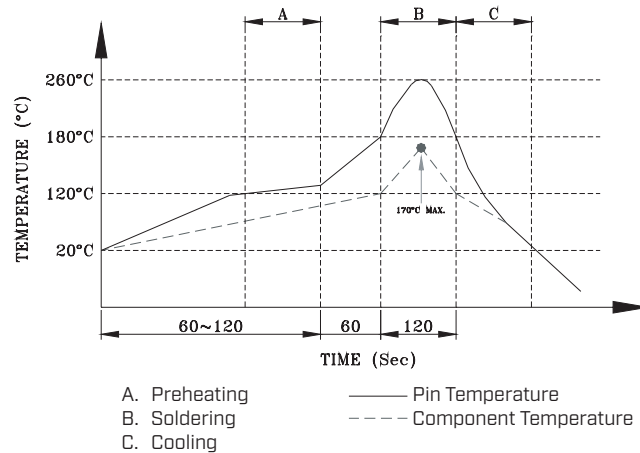
- 3.5 mm audio jack
- through hole
- tray packaging

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|----------------------------|------------------------|-----|-------|-----|--------|
| rated input voltage | | | 12 | | Vdc |
| rated input current | | | | 1 | A |
| contact resistance | | | | 30 | mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | for 1 minute | | | 500 | Vac |
| insertion/withdrawal force | | 0.3 | | 3 | kg |
| operating temperature | | -25 | | 85 | °C |
| life | | | 5,000 | | cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |

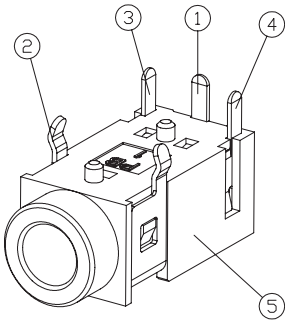
SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| wave soldering | for max 5 seconds | 255 | 260 | 265 | °C |

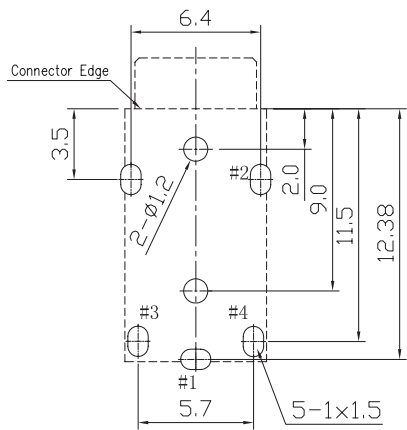
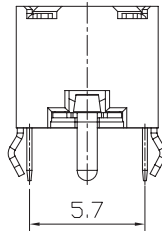
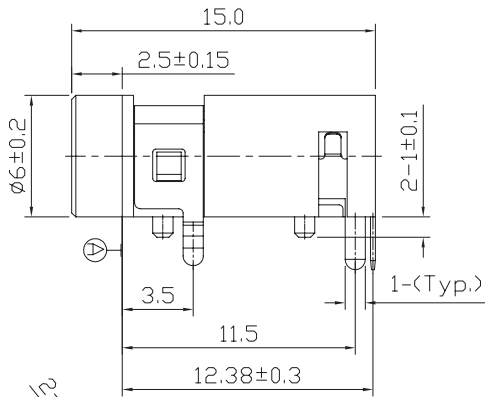
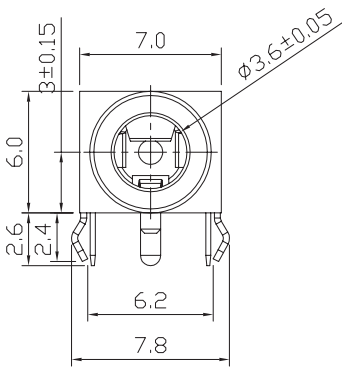


MECHANICAL DRAWING

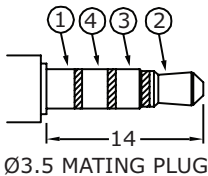
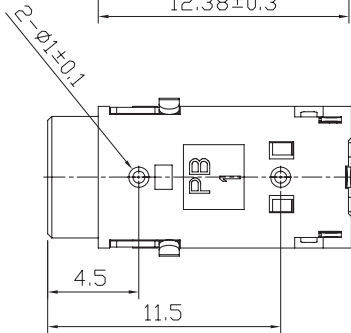
units: mm
tolerance:
X.X ±0.30 mm
X.XX ±0.25 mm
X.XXX ±0.20 mm
PCB: ±0.05 mm
unless otherwise specified



| ITEM | DESCRIPTION | MATERIAL | PLATING/COLOR |
|------|-------------|---------------|------------------------|
| 1 | terminal 1 | C5210 t=0.25 | gold flash over nickel |
| 2 | terminal 2 | C2680 t=0.30 | gold flash over nickel |
| 3 | terminal 3 | C5210 t=0.25 | gold flash over nickel |
| 4 | terminal 4 | C5210 t=0.25 | gold flash over nickel |
| 5 | housing | PBT (UL94V-0) | black |



Recommended PCB Layout
Top View



| | |
|-----------|------------|
| Model No. | SJ3-35044A |
| Schematic | |
| PIN | |
| 1 | sleeve |
| 2 | tip |
| 3 | ring 1 |
| 4 | ring 2 |

REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 06/12/2024 |

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



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