

**MODEL:** MJ-63052A | **DESCRIPTION:** AUDIO JACK**FEATURES**

- through hole
- vertical orientation
- tip switch
- threaded with nut

**SPECIFICATIONS**

| parameter                  | conditions/description           | min | typ   | max | units  |
|----------------------------|----------------------------------|-----|-------|-----|--------|
| rated input voltage        |                                  |     | 12    |     | Vdc    |
| rated input current        |                                  |     |       | 1   | A      |
| contact resistance         | between terminal and mating plug |     |       | 30  | mΩ     |
| insulation resistance      | at 500 Vdc                       | 100 |       |     | MΩ     |
| voltage withstand          | for 1 minute                     |     |       | 500 | Vac    |
| insertion/withdrawal force |                                  | 0.4 |       | 3   | kg     |
| operating temperature      |                                  | -25 |       | 70  | °C     |
| life                       |                                  |     | 5,000 |     | cycles |
| flammability rating        | see material table               |     |       |     |        |
| RoHS                       | yes                              |     |       |     |        |

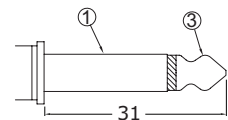
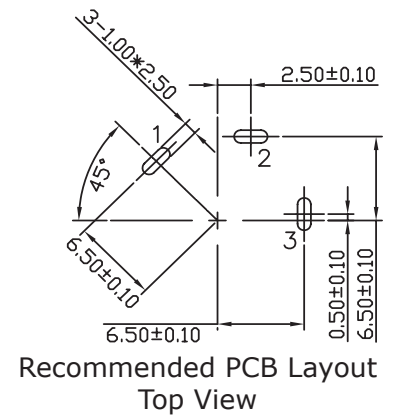
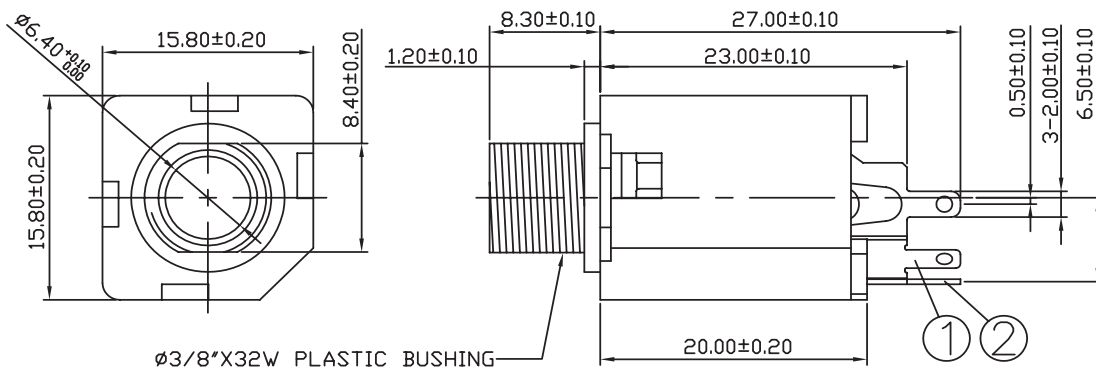
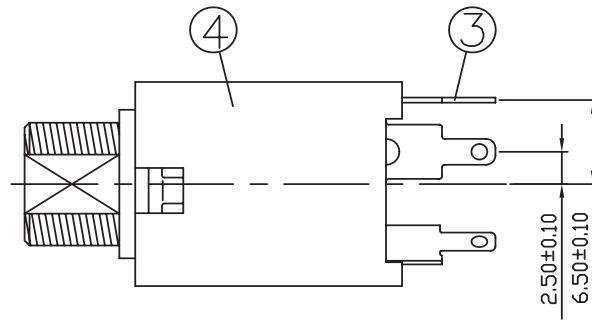
**SOLDERABILITY**

| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for 3~5 seconds        |     | 360 |     | °C    |

## MECHANICAL DRAWING

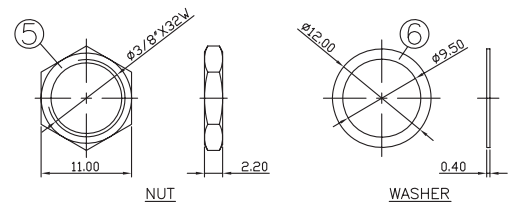
units: mm  
tolerance: ±0.3 mm

| ITEM | DESCRIPTION    | MATERIAL        | PLATING/COLOR |
|------|----------------|-----------------|---------------|
| 1    | earth terminal | brass           | silver        |
| 2    | tip shunt      | brass           | silver        |
| 3    | tip spring     | phosphor bronze | silver        |
| 4    | housing        | PBT (UL94V-0)   | black         |
| 5    | nut            | brass           | nickel        |
| 6    | washer         | brass           | nickel        |



Ø6.35 MATING PLUG

|           |            |
|-----------|------------|
| Model No. | MJ-63052A  |
| Schematic |            |
| PIN       |            |
| 1         | sleeve     |
| 2         | tip switch |
| 3         | tip        |



## REVISION HISTORY

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| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 08/11/2020 |

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

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