

# 4160 Series

# 3.5 mm SMT Earphone Jack

## General specifications

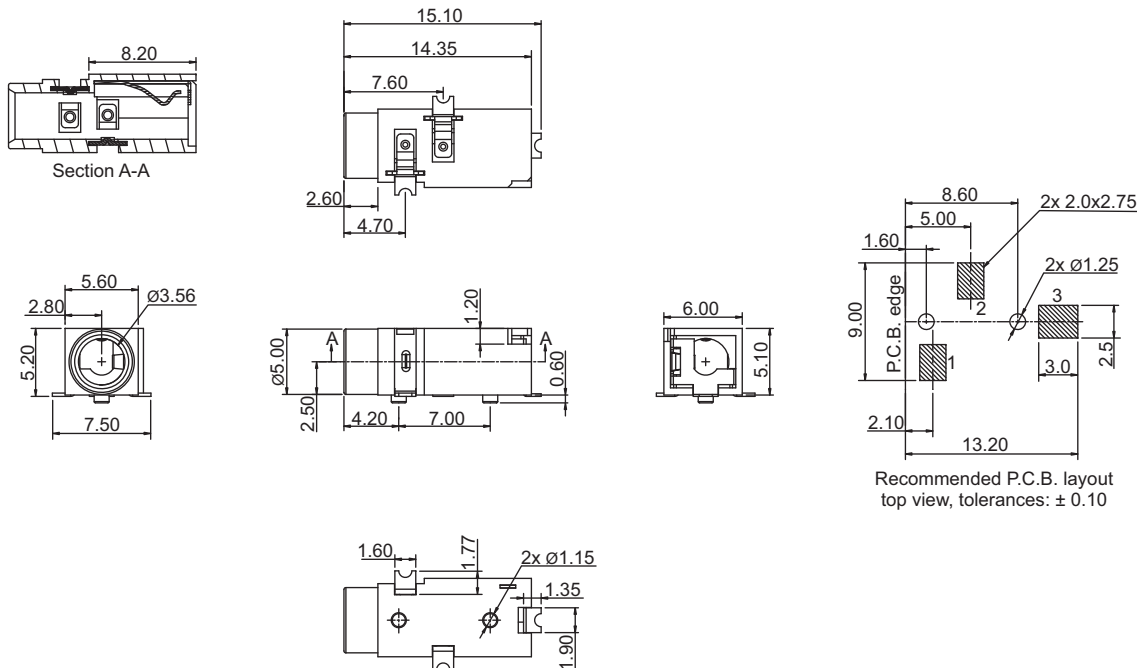
|                           |                                          |
|---------------------------|------------------------------------------|
| Insulator material        | Nylon PA9T, UL94V-0                      |
| Contact material          | Phosphor bronze, plating: tin            |
| Current rating            | 1 A                                      |
| Contact resistance        | 30 mΩ max.                               |
| Insulator resistance      | 100 MΩ min. @ 500 VDC                    |
| Dielectrical withstanding | 500 VAC for 1 min                        |
| Durability                | 1500 cycles                              |
| Soldering                 | JEDEC lead free reflow soldering process |

## Mating parts series



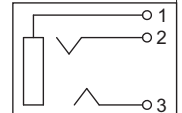
## Mechanical dimensions

Unit: mm



Recommended P.C.B. layout  
top view, tolerances:  $\pm 0.10$

4160A03



### Tolerances

|        |      |            |
|--------|------|------------|
| Linear | X    | $\pm 0.25$ |
|        | .XX  | $\pm 0.13$ |
|        | .XXX | $\pm 0.05$ |

## Part numbering guide

|        |                       |                    |
|--------|-----------------------|--------------------|
| 4160 A | 03                    | B                  |
| Series | No. of contacts<br>03 | Color<br>B = Black |

\* standard

