

# 0643 Series

# Smart Card 8 Pin THT

## General specifications

|                           |  |
|---------------------------|--|
| Insulator material        | High temperature thermoplastic, UL94V-0    |
| Contact material          | Phosphor bronze, plating: gold over nickel |
| Current rating            | 1 A  |
| Voltage rating            | 30 V AC/DC                                 |
| Contact resistance        | 100 mΩ max.                                |
| Insulator resistance      | 1000 MΩ @ 500 VDC                          |
| Dielectrical withstanding | 500 VAC for 1 min                          |
| Operating temperature     | -40 °C to +85 °C                           |
| Durability                | 100000 cycles                              |
| Soldering                 | Lead free wave soldering process           |

## Mating parts series

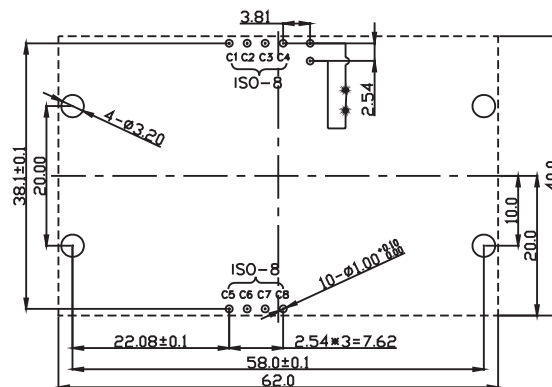
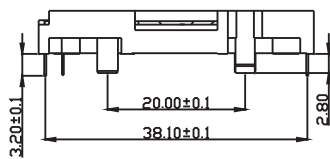
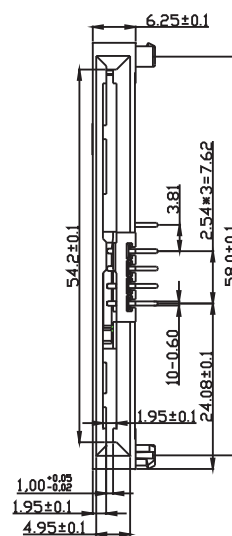
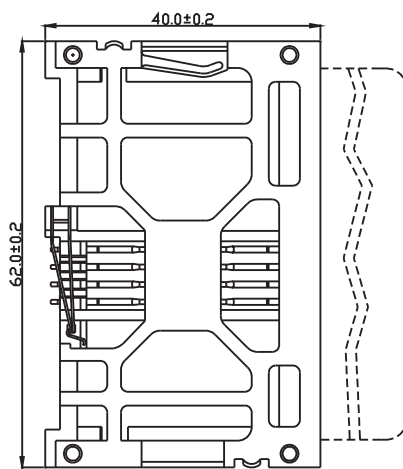


RoHS  
compliant

## Mechanical dimensions

Switch type: blade  
Operation: normally open or closed

Unit: mm



Recommended P.C.B. layout

| Tolerances |        |
|------------|--------|
| Linear     | ± 0.15 |

## Part numbering guide

|        |                                  |                                |  |                     |
|--------|----------------------------------|--------------------------------|--|---------------------|
| 0643   | D                                | 08                             | NO   | Y                   |
| Series | Contact plating<br>D = 5 μ" gold | No. of data contacts<br>08 = 8 | Switch operation<br>NO = Normally open<br>NC = Normally closed | Packing<br>Y = Tray |

\* standard

