

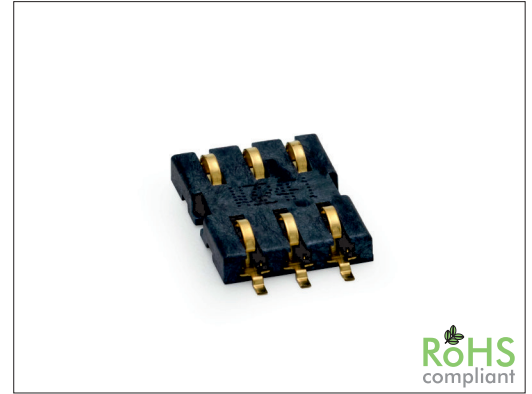
# 0690 Series

# Smart Card 6 Pin SMT, w/o Housing

## General specifications

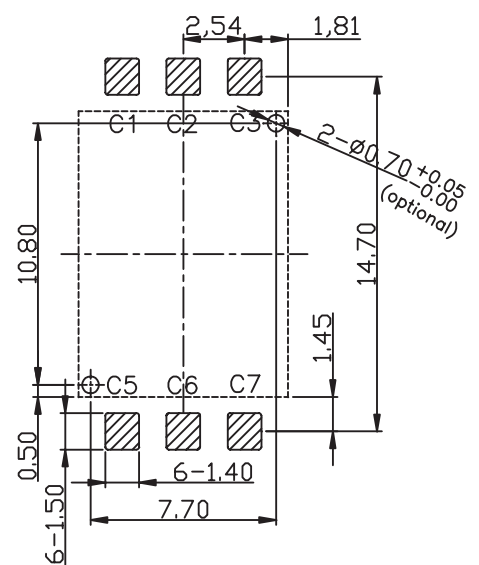
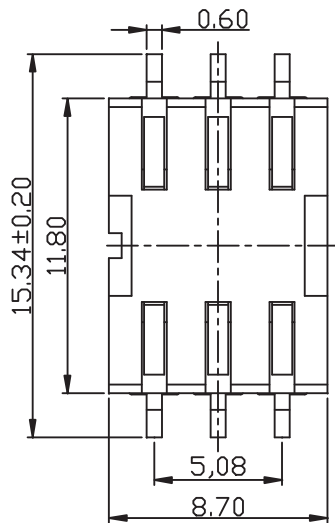
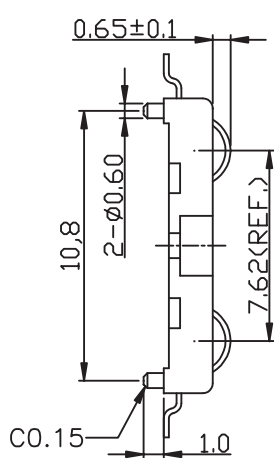
|                           |  |
|---------------------------|--|
| Insulator material        | High temperature thermoplastic, UL94V-0    |
| Contact material          | Phosphor bronze, plating: gold over nickel |
| Current rating            | 1 A  |
| Voltage rating            | 30 V AC/DC                                 |
| 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                 | JEDEC lead free reflow soldering process   |

## Mating parts series

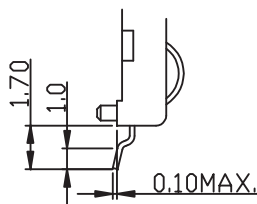


## Mechanical dimensions

Unit: mm



Recommended P.C.B. layout



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

## Part numbering guide

|        |                                  |                                |  |  |                                 |
|--------|----------------------------------|--------------------------------|--|--|---------------------------------|
| 0690   | D                                | 06                             | 0                                      | 0  | R                               |
| Series | Contact plating<br>D = 5 μ" gold | No. of data contacts<br>06 = 6 | Height H<br>0 = 1.80 mm<br>1 = 2.00 mm | Position peg (post)<br>0 = w/o peg<br>1 = w/ peg | Packing<br>R = Reel<br>T = Tube |

\* standard

