

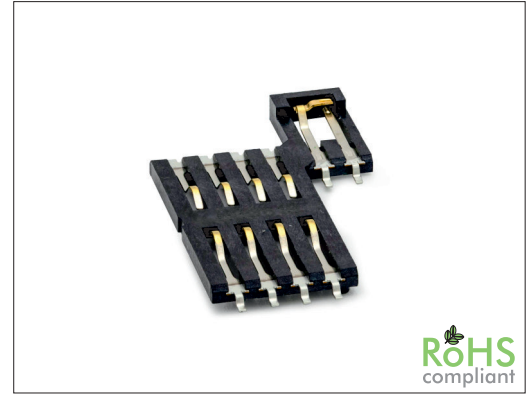
0683 Series

Smart Card 8 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

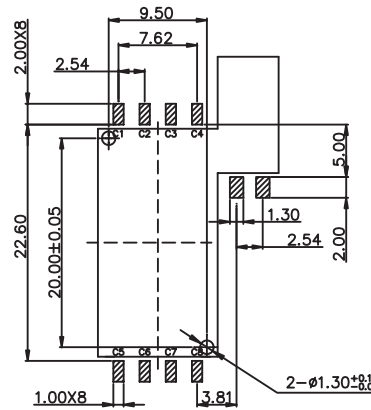
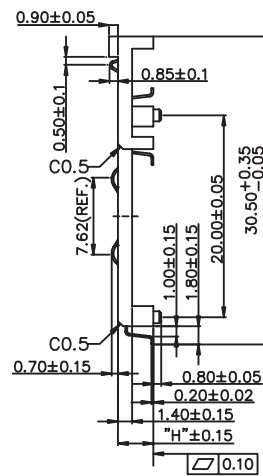
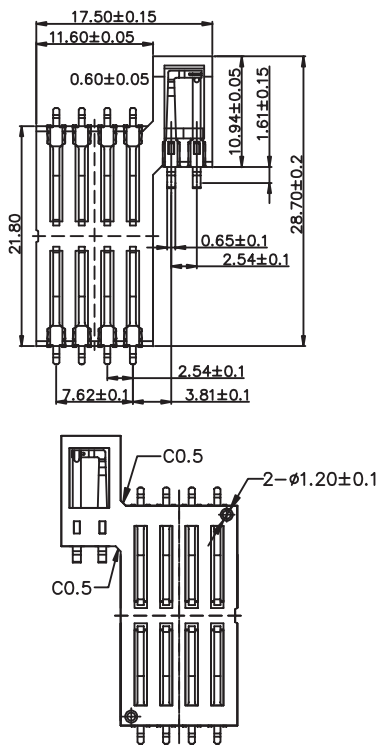


RoHS
compliant

Mechanical dimensions

Switch type: blade
Operation: normally open

Unit: mm



Recommended P.C.B. layout

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

Part numbering guide

| | | | | |
|-------------|----------------------------------|--------------------------------|--|---------------------------------|
| 0683 | D | 08 | 0 | R |
| Series | Contact plating D = 5 μ" gold | No. of data contacts 08 = 8 | Standoff H 0 = 2.5 mm 3 = 4.2 mm 1 = 3.0 mm 4 = 4.7 mm 2 = 3.5 mm | Packing R = Reel T = Tube |

* standard

