

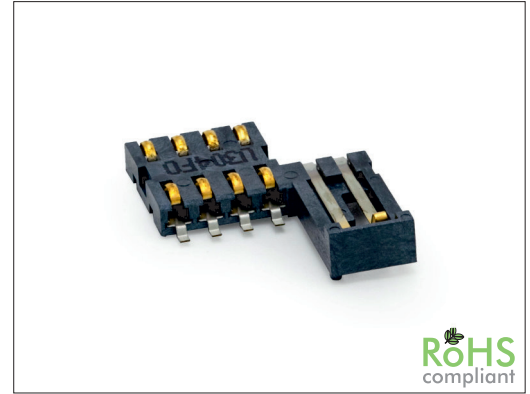
# 0681 Series

# Smart Card 8 Pin SMT, w/o Housing, Standoff

## 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	50 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

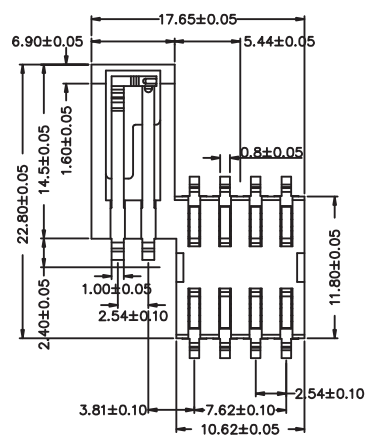
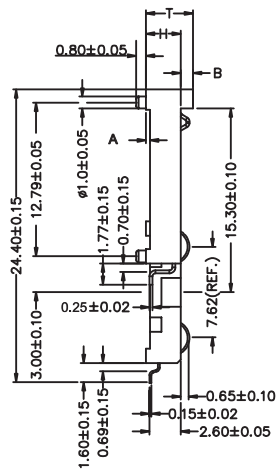
## Mating parts series



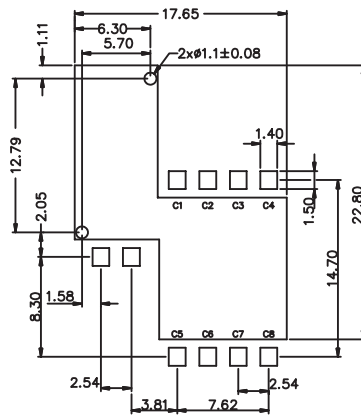
## Mechanical dimensions

Switch type: blade  
Operation: normally open

Unit: mm



Dimension H  
H=2.60 B=1.20 A=0.05 T=3.80  
H=2.90 B=1.00 A=0.35 T=3.90



Recommended P.C.B. layout

Tolerances	
Linear	± 0.15

## Part numbering guide

0681	D	08	0	R
Series	Contact plating D = 5 μ" gold	No. of data contacts 08 = 8	Standoff H 0 = 2.6 mm 1 = 2.9 mm	Packing R = Reel T = Tube

\* standard

