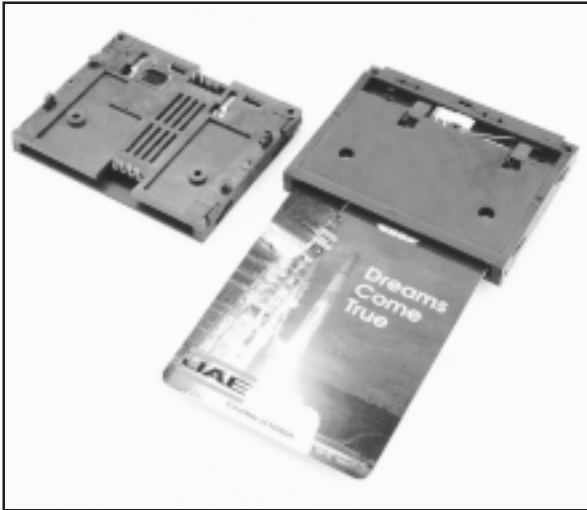


# SF4 SERIES CONNECTORS

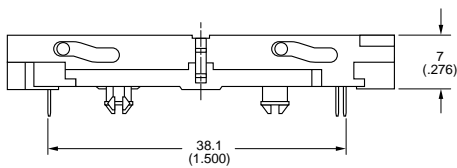
## 2.54mm (.010") Contact Spacing, Smart Card, Through Hole Connectors



### FEATURES

- 8 pins, plus 2 card switch detection pins
- Slide to contact IC card
- Long-life landing contact system
- Sealed tactile switch is protected from humidity and dust
- Zero Insertion Force (ZIF) design prevents damage to chipset surface
- 7.0mm (.276") height

Connector Profile (Ref.)



SF4 Series connectors are designed for smart cards conforming to the ISO 7816 standard. Applications include various electronic equipment utilizing smart cards, POS stations, computer equipment, telecommunications equipment and ID administrative systems.

### GENERAL SPECIFICATIONS

Number of Contacts	8 signal contacts, plus 2 switch contacts
Contact Spacing	2.54mm (.100")
Current Rating Contact Switch	10μ Amp to 1 Amp 50mA
Dielectric Withstanding Voltage Contact Switch	500 VAC r.m.s. (for one minute) 250 VAC r.m.s. (for one minute)
Contact Resistance	100 milliohms max.
Operating Temperature	-40°C to +90°C
Conformed Board Thickness	Equal to or less than 1.6mm (.063")

### MATERIALS AND FINISHES

Description	Materials/Finishes
Signal Contact	Copper Alloy Connecting area: Gold over Palladium Nickel Lead area: Tin-Lead Plating or Solder
Tactile Switch	Not Applicable
Switch Plate	Stainless Steel
Base Insulator	Glass-filled LCP (UL94V-0, Black)
Cover Insulator	Glass-filled LCP (UL94V-0, Black)
Slider	Glass-filled LCP (UL94V-0, Black)
Lock Spring	Copper Alloy
Spring	Stainless Steel

### ORDERING INFORMATION

	SF4	U	010	S	9	*
Series	_____					
4 – Landing Contact System	_____					
Mounting Type	_____					
U – Through Hole	_____					
No. of Contacts	_____					
010 – 8 Signal, 2 Switch	_____					
Connector Type	_____					
S – Socket	_____					
Contact Plating	_____					
9 – 0.03μm (.00000001") Gold Plating over Palladium-Nickel	_____					
Modification Code	_____					
A – Right Side Switch, Locked Cover	_____					
B – Right Side Switch, Cover Opens	_____					

Dimensions and specifications subject to change without notice.

