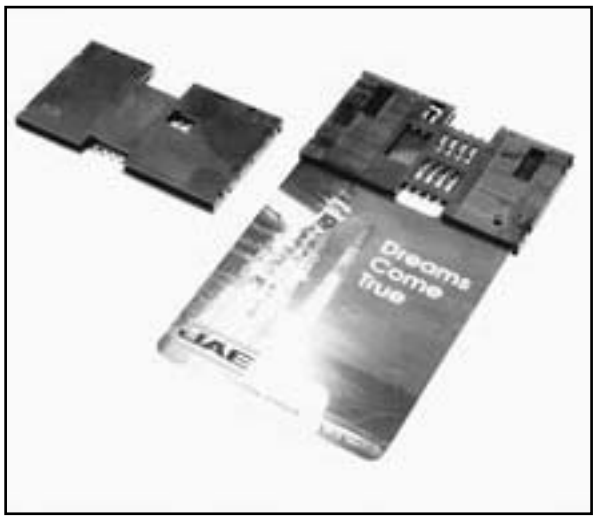
SF3 SERIES CONNECTORS

2.54mm (.100") Contact Spacing, Smart Card SMT Connectors



SF3 Series socket connectors are designed for ISO 7816 specified IC cards. They are ideal for use in various terminal devices such as network computers, set-top boxes, PCs keyboards and portable telecommunications terminals.

FEATURES

- 8 pins, plus 2 card switch detection pins
- Slide to contact IC card
- High density SMT packaging
- 3.3mm (.130") installed connector height

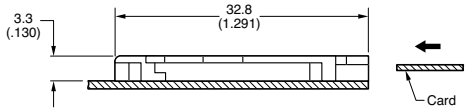
GENERAL SPECIFICATIONS

Number of Contacts	8 signal contacts, plus 2 switch contacts
Contact Spacing	2.54mm (.100")
Current Rating	1 µAmp per contact
Dielectric Withstanding Voltage	250 VAC r.m.s. (for one minute)
Insulation Resistance	1000 megohms min.
Contact Resistance	100 milliohms max.
Operating Temperature	-40°C to +90°C
Lifecycles	100k

MATERIALS AND FINISHES*

Description	Materials/Finishes
Insulator	Glass-filled PPS (UL94V-0, Black)
Signal Contact	Copper Alloy Connecting area: Gold over Palladium Nickel SMT area: Tin-Lead
Switch Contact	Copper Alloy Connecting area: Gold over Palladium Nickel SMT area: Tin over Nickel Plating

Connector Profile (Ref.)



ORDERING INFORMATION

SF3 W * S * A E**

Series

Mounting Type
W – SMT

No. of Contacts
010 – 8 Signal, 2 Switch

Connector Type
S – Socket

Contact Plating
9 – 0.03µm (.00000001") Gold over Palladium plus Nickel

Modification Code
A – Right Side Switch
B - Left Side Switch

Lead Free Version

• Please consult JAE for verification of product availability.

Dimensions and specifications subject to change without notice.