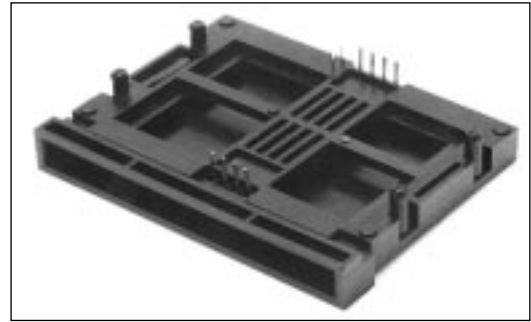


Integrated Circuit Card Connector

XR7B

8 Pin ICC / Smart Card Connector

- 8 pins in ISO7816 position.
- Card detection switch.
- Friction contact configuration.
- Compact Size.



Ordering Information

Number of Contacts	ICC Contact	Part Number
Eight	Friction Contact	XR7B-0831-2

Specification

Part Number	XR7B
Recommended Card Type	ICC conforming to ISO 7816 with 6 or 8 contacts
Service Life of Contacts	100,000 card insertions
Switch Specification	Normal open type
Housing	PPS resin with glass (UL94V-0) / black
Number of Magnetic Stripe Tracks	Not applicable - ICC only
Contact Pressure	0.6N
Contact Material	0.15uM gold plating (phosperous bronze / nickel base)
Contact Resistance	100mΩ max. (at 20mVDC max., 100mA max.,)
Insulation Resistance	100Ω min., (at 500VDC)
Rated Voltage	125 VAC
Rated Current	1.0A (at 25°C)
Max. Voltage	500 VAC for 60 seconds (leak current 1mA max.)
Mounting Location	SMT onto a PCB
Ambient Operating Temperature	-40° to 90°C
Ambient Humidity	40° 95% RH
Vibration	10 to 500 Hz, 1.52mm single amplitude, 10G
Dimensions	See Drawing
Automatic Dip Soldering	Soldering: 250°C max., within 5 seconds
Industrial Gas Durability	H ₂ S (3ppm) and SO ₂ (10ppm) 40° 75% RH

Application Examples

- Pay Television / Satellite Decoders.
- Electronic Purse Value Checkers & Balance Readers.
- EFTPoS Pin Pads.
- Hand Held Data Collection Terminals.
- Utility Payment Meters.