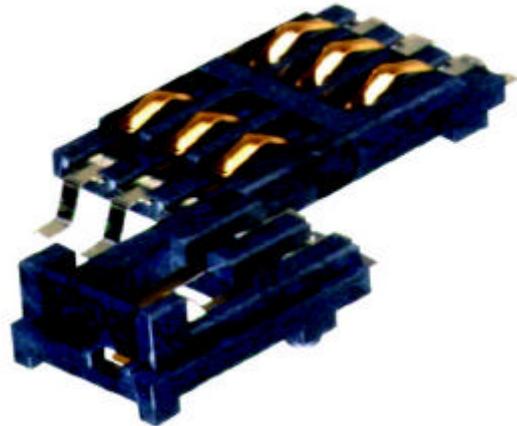

Integrated Circuit Card Connector	XR7A
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6 Pin ICC / Smart Card Connector

- 6 pins in ISO7816 position.
- Card detection switch.
- SMT mounting.
- Friction contact single sided configuration.



Ordering Information

Number of Contacts(R)	ICC Contact	Part number
Six	Friction Contact	XR7A-0635-2
Eight	Friction Contact	XR7A-0835-1
Eight	Friction Contact (with card guide)	XR7B-0831-2

Specifications

Part number	XR7A
Recommended card type	ICC conforming to ISO 7816 with 6 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	100m max. (at 20mVDC max., 100mA max.,)
Insulation Resistance	100Ω min., (at 500VDC)
Rated Voltage	125 VAC
Rated Current	0.5A (at 25° C)
Max. Voltage	500 VAC for 60 seconds (leak current 1mA max.,)
Mounting Location	SMT onto a PCB
Ambient Operating Temperature	-40° C to 90° C
Ambient humidity	40° 95% RH
Vibration	10 to 500 Hz, 1.52mm single amplitude, 10G
Dimensions	
Reflow Soldering	Preheating : 150° for 60-120 seconds Soldering : 240° C max., within 10 seconds 200° C min., withing 30 seconds
Solder Heat Resistance	260° C for 30 seconds

Application Examples

- Pay Television.
- Electronic Purse Value Checkers & Balance Reader.
- EFTPoS Pin Pads.
- Hand Held Data Collection Terminals.