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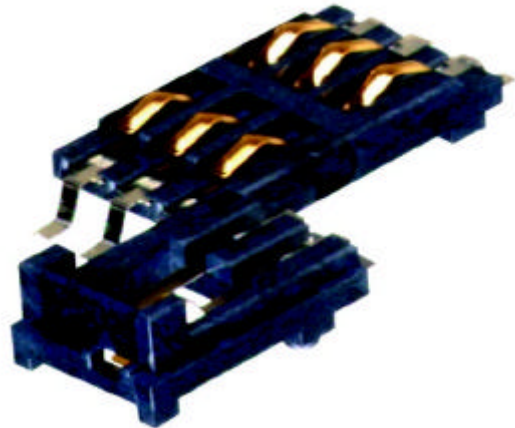
<b>Integrated Circuit Card Connector</b>	<b>XR7A</b>
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### 6 Pin ICC / Smart Card Connector

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



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## 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

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## Specifications

<b>Part number</b>	<b>XR7A</b>
<b>Recommended card type</b>	ICC conforming to ISO 7816 with 6 contacts
<b>Service life of contacts</b>	100,000 card insertions
<b>Switch Specification</b>	Normal open type
<b>Housing</b>	PPS resin with glass (UL94V-0) / black
<b>Number of Magnetic Stripe Tracks</b>	Not applicable - ICC only
<b>Contact Pressure</b>	0.6N
<b>Contact Material</b>	0.15uM gold plating (phosperous bronze / nickel base)
<b>Contact Resistance</b>	100m max. (at 20mVDC max., 100mA max.,)
<b>Insulation Resistance</b>	100Ω min., (at 500VDC)
<b>Rated Voltage</b>	125 VAC
<b>Rated Current</b>	0.5A (at 25° C)
<b>Max. Voltage</b>	500 VAC for 60 seconds (leak current 1mA max.,)
<b>Mounting Location</b>	SMT onto a PCB
<b>Ambient Operating Temperature</b>	-40° C to 90° C
<b>Ambient humidity</b>	40° 95% RH
<b>Vibration</b>	10 to 500 Hz, 1.52mm single amplitude, 10G
<b>Dimensions</b>	
<b>Reflow Soldering</b>	Preheating : 150° for 60-120 seconds Soldering : 240° C max., within 10 seconds 200° C min., withing 30 seconds
<b>Solder Heat Resistance</b>	260° C for 30 seconds

## **Application Examples**

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