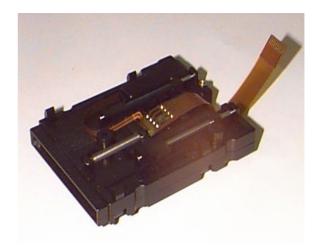| Smart Card Acceptor	3S4YR-SCR

Economical, Manual Insert IC Card Reader

- Slim profile for compact design.

- ISO 7816 chip location.

- Housing compatible with Omron's SBR type for easy conversion to magnetic cards.

- PCB mounted.

- Wide operating temperature range.

- TTL interface.

- Optional RS232 interface for memory smart cards.

- Contact life 500,000 card insertions.

- Landing contact acceptor.

Ordering Information

Type	Part Number
6-pin contact	3S4YR-SCR0J-001
8-pin contact	3S4YR-SCR0J-002

Specifications

Part number	3S4YR-SCR
Recommended card type	IC card : ISO 7816
Contact Resistance	500 mΩ max. between contact springs; 1 Ω max. between two FPC terminal tips
Card Inserting Force	1 Kg max.
Card Extracting Force	Approx. 100g to 500g
Card Feeding Speed	100 cm/sec max.
Service Life	100,00 passes min.
Load Voltage	Card Set Switch: 30 VDC max.
Current carrying capacity	Card Set Switch: 1 mA to 10 mA
Mounting location	Indoors
Ambient Temperature (Operation)	-25°C to 75°C (-13° to 167° F) without condensation
Ambient Temperature (Storage)	-40°C to 85°C (-70° to 185° F)
Ambient Humidity (Operation)	10% to 95% RH without condensation
Ambient Humidity (Storage)	10% to 95% RH
Vibration	30 to 200 Hz (3 g) for 25 minutes in each of X, Y and Z directions
Shock	400 m/sec&sup2 (40 G) in each ofX, Y and Z directions.
Dimensions	78 L x 60 W x 13.5 H mm
Weight	Approx 40 kg (1.42 oz.)

Application Examples

- ID Control.
- Access control.
- Time and attendance control.
- Telecommunications.
- Vending Machines.
- Data capturing.
- Prepaid systems.
- EFTPoS and Electronic Purse Systems.