

Manual Insert IC Card Reader

3S4YR-SHR

Ultra-Compact, Low-Cost Manual Insert IC Card Reader

- Very small profile for applications with limited space
- Lifts IC card onto contacts to reduce wear on the card
- Supports both ISO and CP8 chip contact locations
- Designed for direct mounting to PCB
- Configured for front or rear ejection



Ordering Information

Magnetic Tracks Supported (R, R/W)					IC Contact	Interface	Color	Part Number
1	2	3	Center	JIS II				
—	—	—	—	—	J-type (ISO)	PCB mounted	Black	3S4YR-SHR0J
—	—	—	—	—	X-type (ISO+CP8)	PCB mounted	Black	3S4YR-SHR0X

Note: Consult the *IC Card Basics* section of this catalog for IC contact descriptions.

■ TYPICAL APPLICATIONS

- Pre-paid Card Systems
- IC Credit Card Readers
- Time and Attendance Control
- Access Control
- Telecommunications
- Vending Machines
- ID Control
- Data Capturing

Specifications

Part number	3S4YR-SHR	
Recommended card type	IC Card	ISO 7816/1-2
Contact resistance	500 mΩ max. between two terminals, using short-circuit card	
Card inserting force	10 N max.	
Card extracting force	1-5 N	
Card insertion direction	push-type detection switch	
Service life	300,000 passes min.	
Load voltage	Card set switch	30 VDC max.
Current carrying capacity	Card set switch	0.1 A
Mounting location	Indoors	

Specifications continued on next page

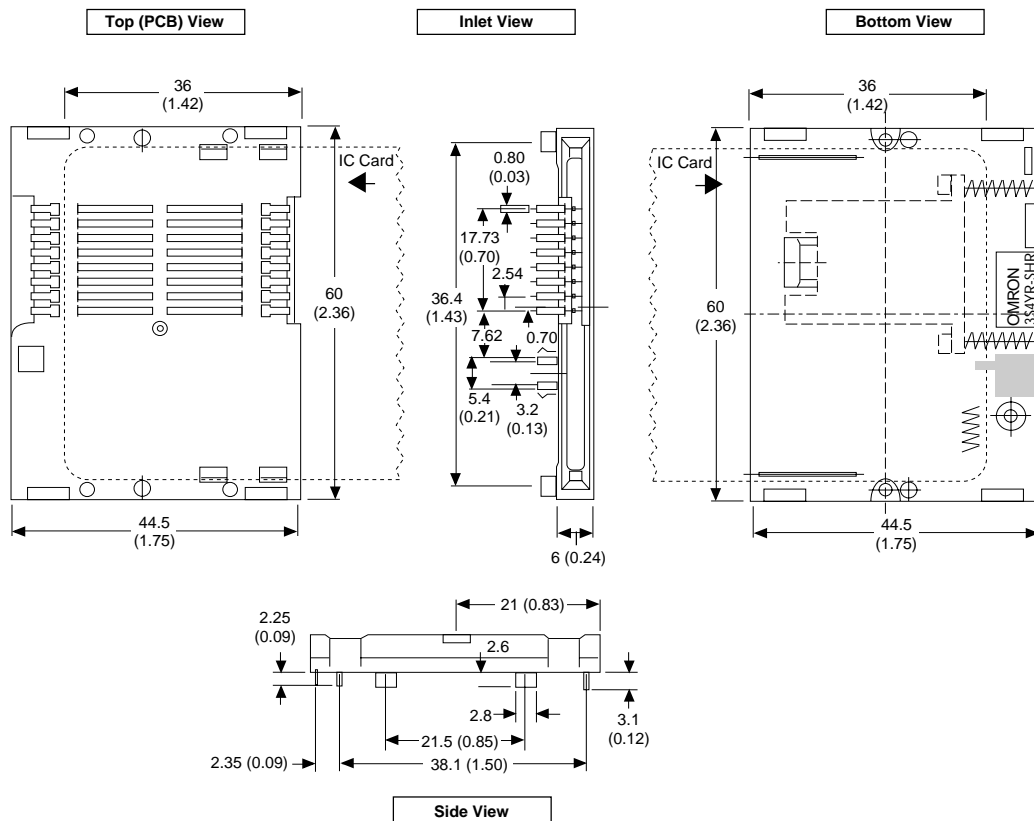
Specifications, continued

Ambient temperature	Operation	-25° to 75°C (-13° to 167°F)
	Storage	-40° to 85°C (-40° to 185°F)
Ambient humidity	Operation	10% to 95% RH without condensation
	Storage	10% to 95% RH without condensation
Vibration	Operation	10 to 150 Hz, half amplitude 0.15 mm (2 G max.)
Shock	Storage	20 G
Dimensions		60L x 44.5W x 6H mm (2.36L x 1.75W x 0.24H in)
Weight		50 g max. (1.76 oz)

Dimensions

Unit: mm (inch)

■ 3S4YR-SHR0X



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