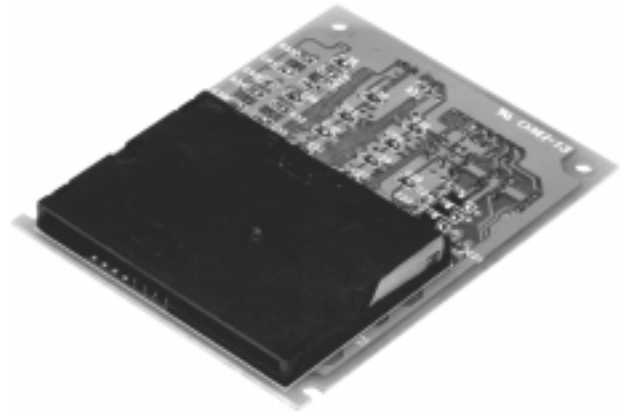


Manual Smart Card Reader/Writer

V4CF

Compact Manual Insertion Smart
Card Reader With RS-232C
Interface

- Lightweight with a small profile
- Lifts smart card onto contacts to reduce wear on the card's contacts
- Data is protected even if the card is inadvertently removed from the reader while active
- Supports transmission protocols T=0 and T=1; also supports EMV



Ordering Information

Magnetic Tracks Supported (R, R/W)								
1	2	3	Center	JIS II	ICC (ISO 7816)	Card Lock	Color	Part Number
—	—	—	—	—	R/W	No	N/A	V4CF-0J-01V

■ TYPICAL APPLICATIONS

- Electronic purse
- Vending machines
- Game machines
- Access control
- Pay TV
- Time and attendance control
- Public payphones

Specifications

Recommended card type		ISO7816/1-4
Operating power supply		5 VDC $\pm 5\%$ (including ripple)
Data transmission		1200, 2400, 4800, 9600, 19200, 38400 bps
Data mode		Asynchronous mode
Current consumption		100 mA max.
Interface connector		7610-5002SC (3M)
Mounting location		Indoors away from rain, wind, sunlight and dust
Ambient temperature	Operation	0° to 45°C (32° to 113°F)
	Storage	-15° to 60°C (5° to 140°F)
Ambient humidity	Operation	30% to 85% RH
	Storage	20% to 90% RH
Durable vibration		10 to 150Hz, half amplitude 0.15 mm (2 G max.)
Durable shock		20 G
Dimensions		70 (W) x 90 (D) x 17 (H) mm
Weight		Approx. 70 g
Service life	IC contact	300,000 times min.

Engineering Data

■ I/O INFORMATION

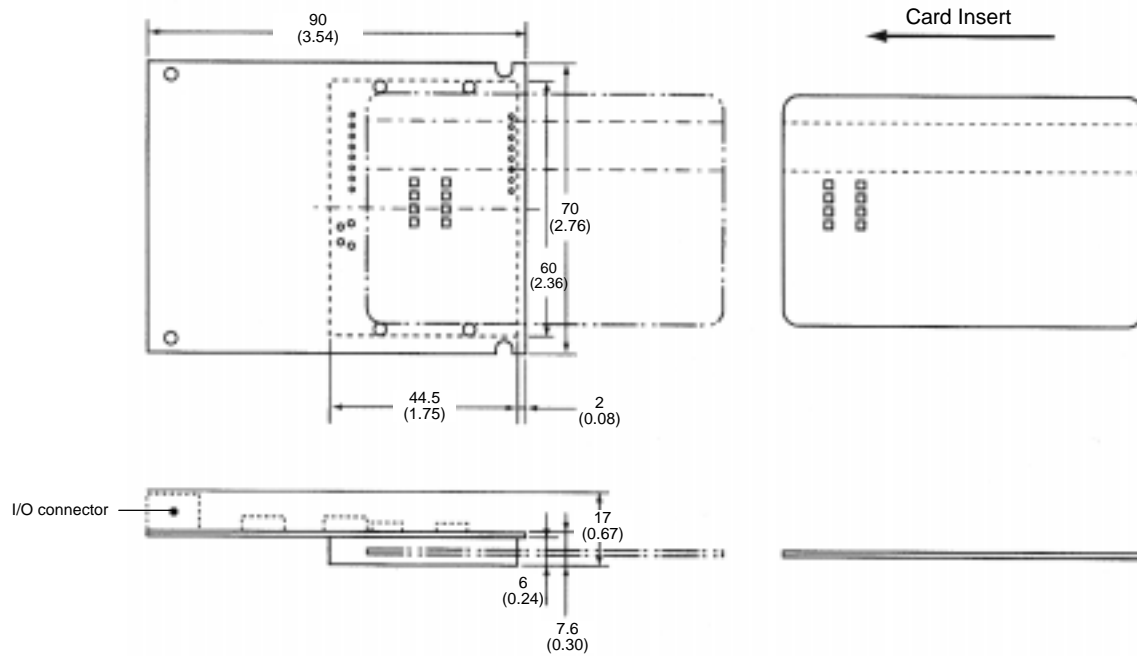
7610-5002SC (3M) interface cable pin location

Pin No.	Signal
1	TXD
2	RXD
3	DTR
4	CTS
5	0V
6	—
7	—
8	+5V
9	0V
10	0V

Dimensions

Unit: mm (inch)

■ V4CF-0J-01V



NOTE: DIMENSIONS SHOWN ARE IN MILLIMETERS. To convert millimeters to inches divide by 25.4.

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