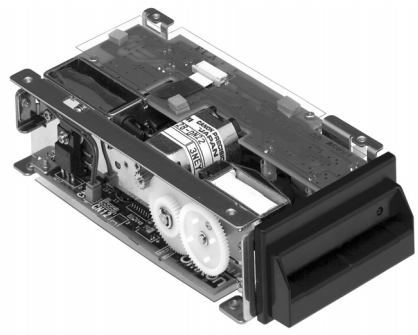
OMRON

Motor Driven Hybrid Card Reader

V2AF

Compact Card Reader for Magnetic and Smart Cards

- One, two or three track capability.
- Capable of reading both low and high coercivity cards. Pin shutter for added security.
- Eight pin ICC acceptor.
- RS232C Interface and 12V DC Power Supply.
- Accepts processor and specific memory ICCs.



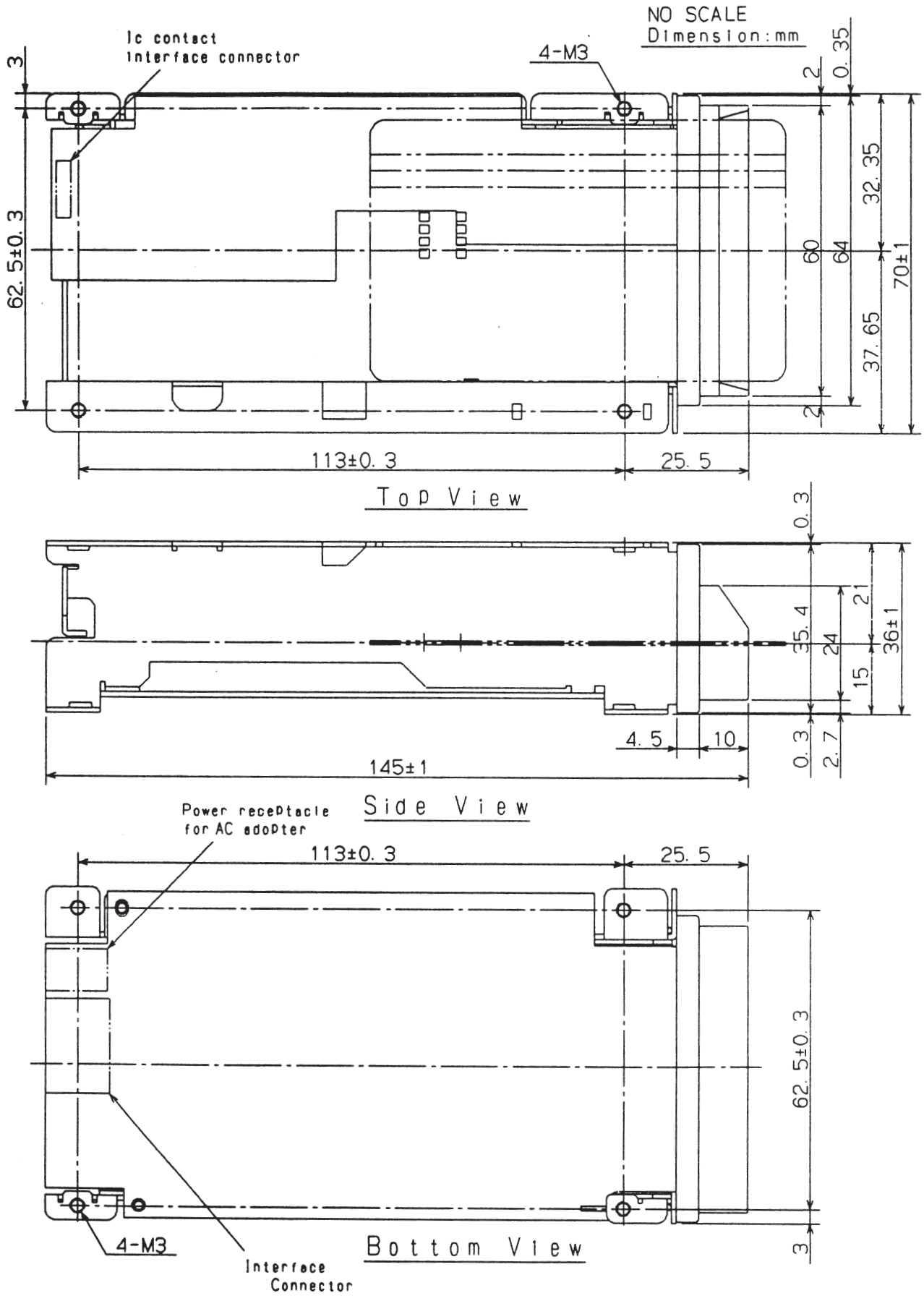
Ordering Information

Part Number	Magnetic Card	Integrated Circuit Card	Shutter
V2AF-01	Tracks 1,2 and 3	No	No
V2AF-04	Track 2	No	No
V2AF-06	Tracks 1 and 2	No	No
V2AF-07	Tracks 2 and 3	No	No
V2AF-00JP	None	Yes	Yes
V2AF-01JP	Tracks 1,2 and 3	Yes	Yes
V2AF-04JP	Track 2	Yes	Yes
V2AF-06JP	Tracks 1 and 2	Yes	Yes
V2AF-07JP	Tracks 2 and 3	Yes	Yes

Specifications

Part Number		V2AF
Recommended card type		Magnetic card: ISO 7810-7813
Number of tracks		One, two or three tracks
Recording method		F2F
Recording density		Track 1 : 210 BPI
		Track 2 : 75 BPI
		Track 3 : 210 BPI
Memory capacity		Track 1 : 7 bit x 79 characters max.
		Track 2 : 5 bit x 40 characters max.
		Track 3 : 5 bit x 107 characters max.
Card feeding speed		250 – 20% mm/s
Motor Type		DC motor
Service life		600,000 passes
Operating power supply		12VDC –10%
Current consumption		500 - 2000 mA max.
Mounting location		Indoor
Ambient Temperature	**Operation**	+5 to 50 C
	Storage	-20 C to 70 C
Ambient Humidity	**Operation**	5% to 85% without condensation
	Storage	5% to 90% without condensation
Vibration		10 to 150 Hz with a width of 0.1mm or 15m/s^2 acceleration
Shock		150m/s^2 acceleration, three times in six directions
Dimensions		145 L x 70 W x 36 H mm
Weight		500 grammes

Dimensions


NO SCALE
Dimension:mm
Ic contact
Interface connector
4-M3
3
62.5±0.3
2
0.35
32.35
60
64
70±1
37.65
2
113±0.3
25.5
Top View
0.3
35.4
21
24
36±1
15
4.5
10
0.3
2.7
145±1
Side View
Power receptacle
for AC adopter
113±0.3
25.5
62.5±0.3
4-M3
Interface
Connector
3
Bottom View