

MR3000 MAGNETIC STRIPE READER SPECIFICATIONS

MECHANICAL

Weight	1.2 lbs.
Height	1.3 inches
Width	5.7 inches
Depth	1.8 inches
Magnetic Head	
Number of Tracks(MR3000)	2 (Any Combination of Tracks 1 and 2)
Number of Tracks(MR3300)	3 (Any Combination of Tracks 1, 2, and 3)
Track Width	1.4 mm
Core Material	Permalloy
Life	>1,000,000 passes
Card Feed	
Speed	100 to 1200 mm/sec
Force	90g typical, 180g max.
Direction	Bi-directional

ELECTRICAL

Supply Voltage	+5VDC
Supply Ripple	100 mv p-p max.
Current	
Operating	6.0 ma typical, 10.0 ma max.
Stand-by	2.0 ma typical, 3.0 ma max.
Life	50,000 hours

INTERFACE

Wedge Interface	Standard
Serial (RS232C)	Optional
Protocol	
Baud Rate	150, 300, 600, 1200, 2400, 4800, 9600*, 19200
Parity	None*, Even, Odd
Data Bits	7, 8*

* Factory Default Value

ENVIRONMENTAL

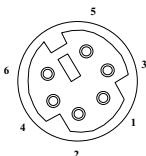
Operating Temperature	-10 to +55°C
Storage Temperature	-30 to +70°C
Relative Humidity	
Operating	10 to 95% non-condensing
Non-operating	10 to 95% non-condensing
Vibration (10 to 55 Hz.)	4G's
Shock	30G's

CONNECTOR PINOUT

KEYBOARD WEDGE

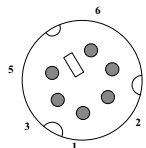
Mini - DIN 6F

- 1 Data
- 2 No Connection
- 3 Ground
- 4 +5VDC
- 5 Clock
- 6 No Connection



Mini - DIN 6M

- 1 Data
- 2 No Connection
- 3 Ground
- 4 +5VDC
- 5 Clock
- 6 No Connection



RS232

DB9 Female connector

- | | |
|-----------------|-----------------|
| 1 Tied to 4 & 6 | 6 Tied to 1 & 4 |
| 3 Data | 7 RTS |
| 4 Tied to 1 & 6 | 8 CTS |
| 5 Ground | |

