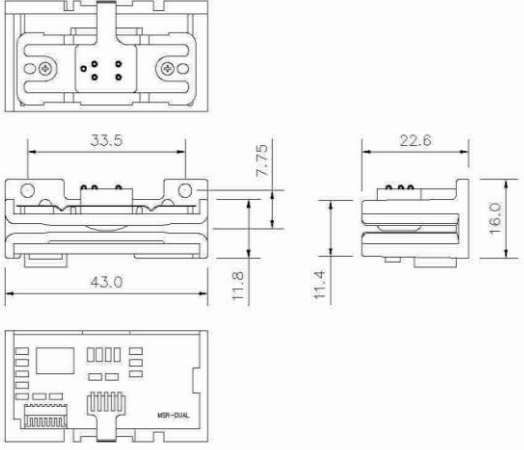


MSR Card Reader Products

MSR Dual TRACK Read Only Readers

- ☐ This specification has defined the electrical, operational, environmental mechanical characteristics of the model MSR-23S respectively. and MSR has function for reading magnetically encoded data on the cards with either high or low coercivity magnetic stripes which are confirming to ANSI / ISO track configuration.
- ☐ The Magnetic cards which are used in MSR-23S should be complied with ISO 7810, 7811 and 7812 standard.

- ☐ Dual MSR23 PICTURES.

IMAGES	DIMENSIONS(mm)
	 Technical drawings showing dimensions (mm): - Top view: 33.5 (width), 43.0 (length), 7.75 (height), 11.8 (height), 11.4 (height), 22.6 (width), 16.0 (height). - Front view: 22.6 (width), 16.0 (height).

- ☐ SPECIFICATIONS.

ITEMS	MODELS
	YIC-612101
Voltage and Ripple	+5 VDC (3.0 V ~ 5.5 V), Less then 50 mVp-p
Current Standby	0.9 ± 0.3 mA
Current Operating	7.0 ± 1 mA
Output Levels	High Level (0) : 3.5Vmin, Low Level (1) : 0.4Vmax
Performance	5 – 100Cm/sec
Error Rate	Less than 0.5%
Temperature Range	0°C ~ 70°C (working) / -55°C ~ 150°C (Storage)
Humidity	90% relative humidity to 40°C. Non condensing
Shock Resistance	10 ms at 10G along the 3 axes
Vibration	Amplitude 2mm within 2G or less, 10 ~ 55Hz X, Y, Z directions for 30min
Size	43.0x16.0x22.6 mm

