LINE THERMAL PRINTER MECHANISM

MLT-289

Paper Roll 58 mm

SPEED 52.5 mm/sec. MAX.

REMOVABLE PLATEN

Features

- 58mm paper width
- 5V operation
- Print speed: Max. 52.5mm/sec
- Ultra compact design
- Platen removable design

Specifications

		MLT-289
Printing method		Thermal dot line printing method
Total dots		384 dots/lines
Dot density		8 dots/mm
Printing width		48mm
Printing speed		Max. 52.5mm/sec (420 dot-lines/sec)
Paper feeding pitch		0.125mm
Sensors	PE sensor	Photo-interrupter
	Head temperature	Thermistor
	Platen	Mechanical switch
Operating voltage range *1	VH	DC 4.2 to 8.5V
	Vdd	DC 4.75 to 5.25V
Current consumption	Head (VH = 5V)	Max. 2.5A approx.
	Motor (VH = 5V)	Max. 0.5A approx.
Recommended paper	Width	58mm
	Thickness	65µm
	Paper diameter *2	ϕ60mm or less
	Paper (Manufacturer)	TF50KS-E2C (Nippon Paper)
Reliability *3	Head pulse-resistance	100 million pulses or more
	Head wear-resistance	50km or more
Environment	Operation	Temperature: 0 to 45°C Humidity: 35 to 85% RH
	Storage	Temperature: -20 to 60°C Humidity: 10 to 90% RH
External dimensions		76.8 (W) × 37 (D) × 16 (H)mm
Weight		Approx. 50g

*1: Voltage drop at maximum current may cause the print quality problem. Please check it carefully in your environment such as control board, wiring, etc. Also please keep the voltage within the specified voltage range even by the voltage drop.
*2: The number of diameter varies depending on the conditions.
*3: Normal temperature at 25°C, normal humidity, 12.5% printing ratio, rated energy and by use of the recommended print paper.

Model classification

MLT - 288 V
1) 2)

1) Model: MLT-288
2) Paper path: H: Curl, V: Straight

BD2 - 2880 U C
1)

1) Auto cutter drive: None: Without auto cutter function; C: With auto cutter function

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