



MLT-288



- 58mm paper width
- 5V operation
- 52.5mm/sec printing speed
- Ultra compact design

Accessories

Control board

BD2-2880U



Gate array

202LA-00



Interface	Parallel and RS-232C
Number of columns	Font A: 32 / Font B: 42
Font	Font A: 12 • 24 dots / Font B: 9 • 24 dots
Command set	ESC/POS
Barcode	Supported
Firmware location	Flash memory
Buffer	2k bytes
Supporting devices	Auto cutter, Paper sensor, Head-up sensor, LF switch, Error LED, Paper out LED
Dimensions	75 • 80mm
Source voltage	5.0 ±5%
Gate array	202LA-00

Auto cutter

ACS-228



Cutting method	Slide cutting
Paper width	45 — 69mm
Paper thickness	0.06 — 0.15mm
Max. cutting frequency	20 cuts/min
Voltage	5V ±10%
Current (peak)	2.8A
Operating temperature	0 — 45°C
Size	80 • 85.7 • 15mm
Weight	140g
Reliability	500,000 cuts
Number of tab left	(F)full cut blade type: None (P)partial cut blade type: None or 1 tab

Specifications

Printing method	Line thermal dot printing
Total dots	384 dots/lines
Dot density	8 dots/mm
Printing width	48mm
Printing speed	Max. 420 dot-lines/sec
Paper feeding pitch	0.125mm
Sensors	Head temperature: Thermistor Paper presence: Photo-interrupter Head-up: Mechanical switch
Voltage range	VH: DC 4.2 — 8.5V Vdd: DC 4.75 — 5.25V
Current consumption	Head (VH = 5V): Max. Approx. 1.7A Motor (VH = 5V): Max. Approx. 0.5A
Recommended paper	Width: 58mm Thickness: 60 — 72µm Paper (Manufacturer): TF50KS-E2D (Nippon Paper)
Reliability	Head pulse-resistance: 100,000,000 pulses or more Head wear-resistance: 50km or more
Environment	Operation: Temperature: 0 ~ 45°C Humidity: 35 ~ 85% RH Storage: Temperature: -20 ~ 60°C Humidity: 10 ~ 90% RH
External dimensions (W • D • H)	72.7 • 38 • 15mm
Weight	Approx. 45g

Line Thermal Printer Mechanisms



MLT-289



- 58mm paper width
- 5V operation
- 52.5mm/sec printing speed
- Ultra compact design
- Platen removable design

Accessories

Control board
BD2-2890U



Gate array
202LA-00



Interface	Parallel and RS-232C
Number of columns	Font A: 32 / Font B: 42
Font	Font A: 12 • 24 dots / Font B: 9 • 24 dots
Command set	ESC/POS
Barcode	Supported
Firmware location	Flash memory
Buffer	2k bytes
Supporting devices	Auto cutter, Paper sensor, Head-up sensor, LF switch, Error LED, Paper out LED
Dimensions	75 • 80mm
Source voltage	5.0 ±5%
Gate array	202LA-00

Specifications

Printing method	Line thermal dot printing	
Total dots	384 dots/lines	
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Printing width	48mm	
Printing speed	Max. 420 dot-lines/sec	
Paper feeding pitch	0.125mm	
Sensors	Head temperature	Thermistor
	Paper presence	Photo-interrupter
	Platen	Mechanical switch
Voltage range	VH	DC 4.2 — 8.5V
	Vdd	DC 4.75 — 5.25V
Current consumption	Head (VH = 5V)	Max. Approx. 1.7A
	Motor (VH = 5V)	Max. Approx. 0.5A
Recommended paper	Width	58mm
	Thickness	65µm
	Paper (Manufacturer)	TF50KS-E2C (Nippon Paper)
Reliability	Head pulse-resistance	100,000,000 pulses or more
	Head wear-resistance	50km or more
Environment	Operation	Temperature: 0 ~ 45°C Humidity: 35 ~ 85% RH
	Storage	Temperature: -20 ~ 60°C Humidity: 10 ~ 90% RH
External dimensions (W • D • H)	76.8 • 37 • 16mm	
Weight	Approx. 50g	