

LINE THERMAL PRINTER MECHANISM

LT2220

Paper Roll
58
mm

SPEED
150
mm/sec.
MAX.



Features

- 58mm paper width
- 24V operation
- High-speed print: Max. 150mm/sec
- Thick paper up to 0.15mm (LT2220A)
- Compact design

Optional Accessories

Control board



BD2-2220

Auto cutter



ACS-225

Specifications

		LT2220
Printing method		Thermal dot line printing method
Total dots		432 dots/lines
Dot density		8 dots/mm
Printing width		54mm
Printing speed		Max. 150mm /sec. (1200 dot-lines/sec)
Paper feeding pitch		0.125mm
Sensors	PE sensor	Photo-sensor
	Head temperature	Thermistor
	Head-up	Photo-sensor
Operating voltage range *1	VH	DC 21.6 to 26.4V
	Vdd	DC 4.75 to 5.25V
Current consumption	Head (Vp = 5V)	Max. 4.9A approx.
	Motor (Vp = 5V)	Max. 0.3A approx.
Recommended paper	Width	58mm
	Thickness	60 to 105µm (Standard), 110 to 150µm (A type)
	Paper diameter *2	φ83mm or less
Reliability *3	Paper (Manufacturer)	TF50KS-E2D (Nippon Paper)
	Head pulse-resistance	100 million pulses or more
	Head wear-resistance	100km or more
Environment	Operation	Temperature: 0 to 50°C Humidity: 35 to 85% RH
	Storage	Temperature: -20 to 60°C Humidity: 10 to 90% RH
External dimensions		91.5 (W) × 58 (D) × 20 (H)mm
Weight		Approx. 91g

*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.