LINE THERMAL PRINTER MECHANISM

LT2320

Paper Roll 80 mm

SPEED 150 mm/sec. MAX.

Features

- 80mm paper width
- 24V operation
- High-speed print: Max. 150mm/sec
- Thick paper up to 0.15mm (LT2320A)
- Compact design

Optional Accessories

Control board

BD2-2220

Auto cutter

ACS-235

Specifications

		LT2320
Printing method		Thermal dot line printing method
Total dots		576 dots/lines
Dot density		8 dots/mm
Printing width		72mm
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	80mm
	Thickness	60 to 105µm (Standard), 110 to 150µm (A type)
	Paper diameter *2	φ83mm or less
	Paper (Manufacturer)	TF50KS-E2D (Nippon Paper)
Reliability *3	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		108 (W) × 58 (D) × 20 (H)mm
Weight		Approx. 103g

*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
LT2220HA
1) 2) 3) 4) 5)

1) Paper width
2: 58mm
3: 80mm
2) Voltage
2: 24V

3) Type
0: Standard
4) Paper path
H: Curl
V: Straight

5) Paper thickness
None: Standard (60-105µm)
A: For thick paper (110-150µm)

Model classification
BD2 - 2220RSU
1) 2)

1) Applicable Mechanisms
0: LT2×20
1: LT2×21

2) Interface
PA: Parallel (IEEE1284 compliant)
RS: Serial (RS-232C compliant)
UB: USB