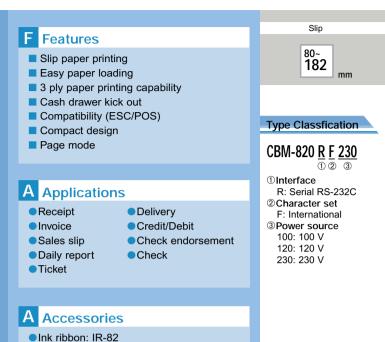
## Impact Printersters

## CBM-820





## **Specifications**

Model	CBM-820	
Printing method	Serial impact dot matrix	
Printing head	9 pins	
Number of columns	42 col. (7 × 9 font), 35 col. (5 × 9 font)	
Printing speed	3.1 lines/sec. (Maximum)	
Character size (W $\times$ H)	$7 \times 9$ font (half): $1.2 \times 2.42$ mm $5 \times 9$ font (2 pulses per dot): $1.5 \times 2.42$ mm $5 \times 9$ font (3 pulses per dot): $2.1 \times 2.42$ mm	
Character set	PC437, PC850, International	
Dot spacing	Horizontal: 0.30mm Vertical: 0.35mm	
Printing width	63mm	
Emulation	ESC/POS	
Ink ribbon	Purple or Black (CBM ink ribbon cassette)	
Paper	80 to 182mm (W) × 80 to 257mm (H) Original + 2 copies / Thickness: 1 ply 0.09 to 0.2mm Duplicates 0.12mm to 0.25mm / (Max. 0.2mm for graphics printing)	
Interface	Serial: RS-232C	
Input buffer	2K bytes or 35 bytes	
Cash drawer control	2 drawers	
Sensors	Paper out top-of-form, bottom-of-form sensors	
Power supply	AC adaptor (31 AD) 100/120/230V / Output 24V DC 5%, 1.9A	
Power consumption	Peak current: 3.1A / Continuous ASCII printing + paper feed: 0.6A	
Weight	2.1kg	
External dimensions ( $W \times D \times H$ )	$180 \times 190 \times 138$ mm	
Operating temp. range	5 ~ 40°C	
Storage temp. range	–20 ~ 60°C	
Reliability	Mechanism (MCBF): 2.5 million lines / Printer head life: 70 million characters	
Safety standard	UL, C-UL, FCC class A, TUV-GS, CE marking	