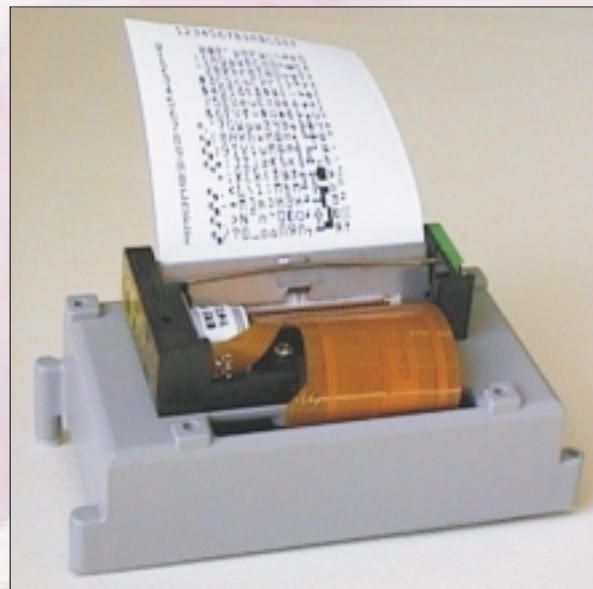


THERMAL PRINTING MODULE

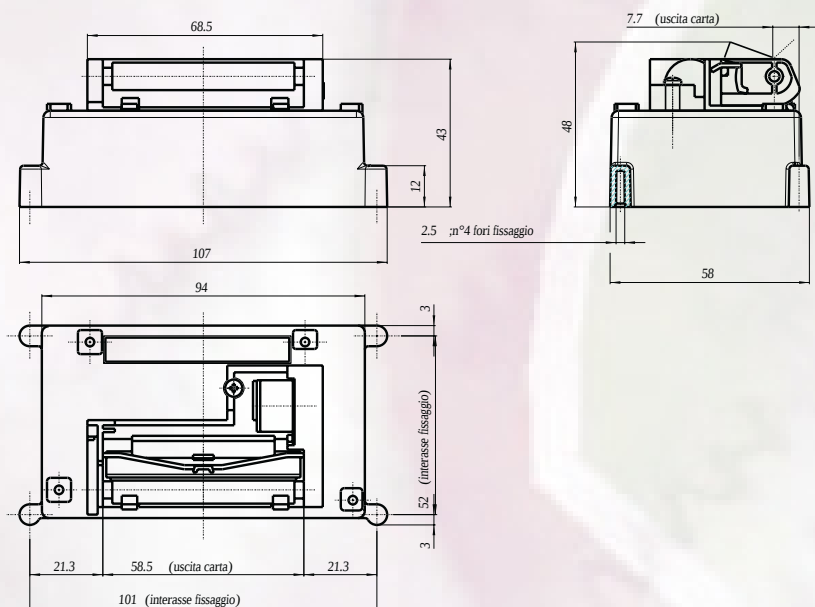
PM505

The PM505 is a practical, user-friendly desk printer. It is equipped with a 200 dpi (8 dots/mm) thermal print mechanism and uses 57mm paper rolls. The PM505 has a wide range of supplementary functions in addition to normal print functions:

- TTL serial and parallel interface.
- High speed printing: 30mm/sec.
- Easy paper changing (automatic paper loading).
- ESC/POS, CUSTOM DPT and CITIZEN emulation.
- Bar-codes: UPC-A, UPC-E, EAN13, EAN8, CODE39, INTERLEAVED 2-5, CODABAR.
- 2 standard and international character fonts.
- Double width-height, quadruple width-height, expanded print, rotated by 90°.
- 1 Kbyte reception buffer.



Overall Dimension



TECHNICAL SPECIFICATION

Columns	24	40	
Character (L x H mm)			
Normal	2x3	1x3	
Double height	2x6	1x6	
Double width	4x3	2x3	
Expanded	4x6	2x6	
Graphic dot	0.125 x 0.125	0.125 x 0.125	
Custom emulation dots per line	144	240	
Print speed (speed/current = normal)			
Lines/sec	30	30	
Characters/sec	220	320	
Feed (lines/sec)	53	53	
Line buffer	24 byte	40 byte	
Print buffer	1Kbyte		
Print method	Thermal dot matrix		
Character matrix	16 x 24	8x24	
Print direction	Normal or reverse		
Character set	Normal and extended		
Paper roll dimensions	58 +/- 1mm x Ø50 mm max		
Standard interfaces	TTL Serial and parallel TTL		
Power supply	Double or single 5 Vdc. ± 10%		
Absorption (with 5 Volt power supply)			
Selection Speed/current :	LOW	NORMAL	HIGH
Printing	3 A (peak)	4.5A (peak)	6 A (peak)
Stand by	100 mA	100 mA	100 mA
In feed	750 mA	750 mA	750 mA
Environmentals conditions			
Operating temperature	0°C - 50°C		
Operating humidity	20% - 85% (no condensing)		
Storage temperature / humidity	-25°C - +70°C / 10% - 90%		
Options	Real time clock		

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