

Epson M-190 Series



Impact Mini Printers

Ultra-compact and light weight

[Printer Friendly Specs](#)

Overview

Ultra-Compact and Light Weight

The M-190 series is only 15.8mm high and weighs a mere 100 grams, making it suitable for incorporating within a variety of compact products.

High Reliability for ECR and EFT Applications

Capable of printing at a speed of 2.5 LPS, the M-190 helps to improve customer service. The fast printing speed is complemented by high reliability - an MCBF of 1.5×10^6 lines - ensuring suitability for ECR and EFT applications.

Mount-Compatible with the M-180

The M-190 mount has exactly the same dimensions as the M-180 mount. So no additional costs for producing mount molds are required.

Ni-Cd Battery Operation

The M-190 can be operated on four Ni-Cd batteries.

Specification

Impact Mini Printers	
PRINTER	
PRINTING METHOD	Shuttle impact dot matrix
PRINTING FORMAT	
FONT	5 x 7
COLUMN CAPACITY	M-190: 24 columns M-191: 32 columns M-192: 40 columns M-195: 18 columns
CHARACTER SIZE	M-190: 1.7 (W) x 2.6 (H)mm M-191: 1.3 (W) x 2.6 (H)mm M-192: 1.1 (W) x 2.6 (H)mm M-195: 1.7 (W) x 2.6 (H)mm
LINE SPACING	3.7mm (In case of 5 x 7 and 3 dots / line paper feed)
COLUMN SPACING	M-190: 2.0mm M-191: 1.5mm M-192: 1.2mm M-195: 2.0mm
NUMBER OF TOTAL DOTS	M-190: 144 dots / line M-191: 192 dots / line M-192: 240 dots / line M-195: 108 dots / line
PRINTING SPEED	M-190: 2.5 line / sec. M-191: 1.9 line / sec. M-192: 1.5 line / sec. M-195: 2.5 line / sec.
PRINthead	
TERMINAL VOLTAGE	3.3 to 5.2 VDC
PEAK CURRENT	Approx. typ 2.5 A / solenoid
MOTOR	
TERMINAL VOLTAGE	3.8 to 5.2 VDC (3.8 to 5.5 VDC by Ni-Cd battery)
MEAN CURRENT	Approx. 0.35 A
PAPER	
DIMENSIONS	M-190/M-191/M-192: 57.5 ± 0.5mm (W) x dia. 83mm maximum M-195: 44.5 ± 0.5mm
TOTAL THICKNESS	0.06 to 0.085mm

COPY CAPABILITY	Original + one copy
RIBBON CASSETTE	ERC-09/22
AMBIENT TEMPERATURE	0° to 50°C (operating)
RELIABILITY	
MECHANISM (MCBF)	M-190: 1.5 x 10 ⁶ lines M-191: 1.1 x 10 ⁶ lines M-192: 0.9 x 10 ⁶ lines M-195: 1.5 x 10 ⁶ lines
PRINthead LIFE	M-190: 1.5 x 10 ⁶ lines M-191: 1.1 x 10 ⁶ lines M-192: 0.9 x 10 ⁶ lines M-195: 1.5 x 10 ⁶ lines
OVERALL DIMENSIONS	91.0mm (W) x 46.9mm (D) x 15.8mm (H)
WEIGHT	Approx. 100g

Usage Conditions

Epson products are designed and made to give highly reliable use and long life when used according to its specifications. With any system, product or device used in situations where human life may be involved or at risk, Epson advises that you should take all necessary steps to ensure the suitability of your Epson product for inclusion in your system, and recommends that you include fail-safe procedures and redundancy support or backup equipment in your system, to maintain the maximum safety margin and optimum system reliability.

Consumables

POS RIBBONS	PRODUCT CODE
<u>Ribbon Cassette ERC-22B BLACK</u>	C43S015358
<u>Ribbon Cassette ERC-22B BLACK - 50 Pack</u>	C43S015358
<u>Ribbon Cassette ERC-22B BLACK - 100 Pack</u>	C43S015358
<u>Ribbon Cassette ERC-22B BLACK - 200 Pack</u>	C43S015358
<u>Ribbon Cassette ERC-09B BLACK</u>	C43S015354
<u>Ribbon Cassette ERC-09B BLACK - 50 Pack</u>	C43S015354
<u>Ribbon Cassette ERC-09B BLACK - 100 Pack</u>	C43S015354
<u>Ribbon Cassette ERC-09B BLACK - 200 Pack</u>	C43S015354

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