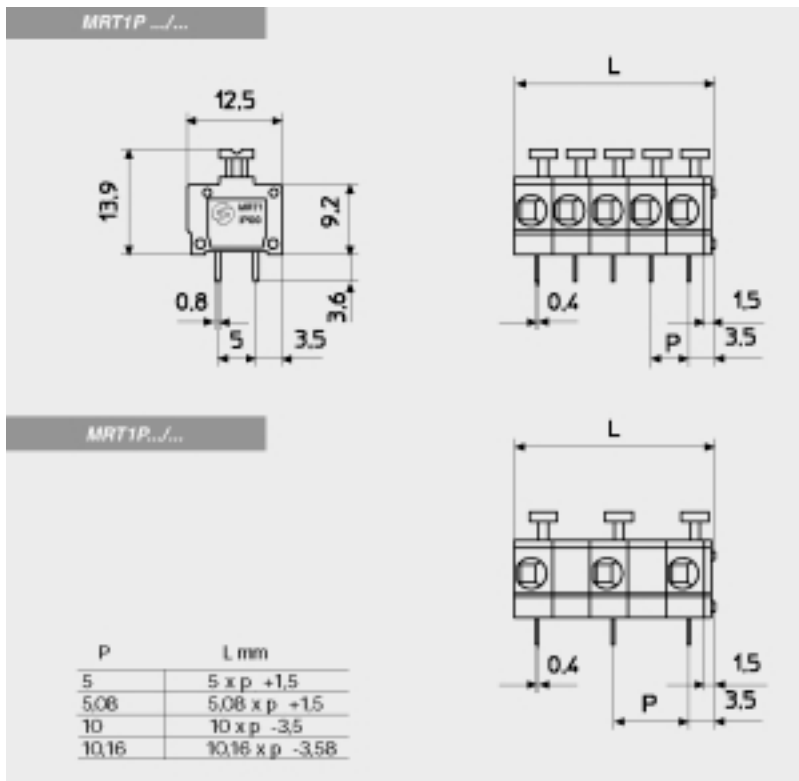# Modular Spring Clamp Wire Connection PCB Terminal Blocks

The MRT1 is a modular printed circuit board terminal block that uses a spring clamp design for terminating the wire. It can be snapped together to build from 1 to 18 circuits depending on the pin spacing which ranges from 5mm to 10.16mm. A unique feature of the MRT1 terminal blocks is the easy to use recognizable lever , which is used to open and close the srping clamp during wire insertion and extraction. The UL rating of the MR T1 is 10 amps, 300 volts, with a wire range of 16 to 30 A WG. The standard color is gray, however other colors are available upon request.

SPECIFICATIONS

Housing Material:	PA68 Polymide, Flammable UL94V0
Housing Color:	Gray
Screw:	Zinc Plated Steel
Clamp:	Nickel Plated Brass
Pin:	Tin Plated Brass
Wire range:	16-30 AWG
P.C.B. mounting hole:	1.3mm
Nominal current:	10 A
Voltage:	300 V
Temperature Range:	-30° C to 85° C

Catalog #	No. of Positions	Length (mm)
MRT1P10-2GR	2	16.5
MRT1P10-3GR	3	26.5
MRT1P10-4GR	4	36.5
MRT1P10-5GR	5	46.5
MRT1P10-6GR	6	56.5
MRT1P10-7GR	7	66.5
MRT1P10-8GR	8	76.5
MRT1P10-9GR	9	86.5

P	L mm
5	5 x p +1,5
5,08	5,08 x p +1,5
10	10 x p -3,5
10,16	10,16 x p -3,58