

# PVC INSULATED CRIMP TERMINALS F-P

## *pin terminals*

The unique funnel shaped PVC sleeve guarantees total insertion of the conductor strands into the terminal barrel, creating a secure and reliable, electrical and mechanical connection.

The internal surface of the barrel is rifled to improve contact with conductor strands when crimped and to increase tensile strength.

The “F” range of terminals offers a wide selection of rings, forks, pins and blades, designed to meet the ever changing end user requirements.



## Technical details:

The connectors are manufactured from electrolytic Copper Cu-ETP CWO04A according to UNI EN 1652:1999 and are tin plated with a minimum thickness of 3µm.

Main characteristics of the PVC sleeves:

- >DIELECTRIC STRENGTH (KV/mm) : >35
- >VOLUME RESISTIVITY ( $\Omega/cm$ ) :  $>10^{15}$
- >MAX OPERATING TEMPERATURE ( $^{\circ}C$ ) : 80
- >FLAMMABILITY (UL-94) : V0
- >DENSITY ( $g/cm^3$ ) : 1,4
- >WATER ABSORPTION (%) :  $0,1\pm 0,6$
- >BREAKING LOAD ( $N/mm^2$ ) :  $45\pm 50$

The connectors can be stored at a minimum temperature not below - 40°C.

CERTIFICATES 



According to UL 486A standard (file E125401)

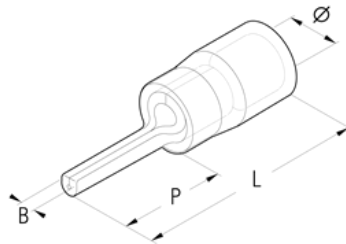


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## *Technical characteristics*

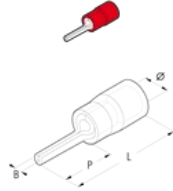
Easy entry	yes
UL94 class	V0
Min operating temperature range	-20 °C
Max operating temperature range	80 °C
Max operating temperature range (surge)	90 °C
Dimensional form	Pin terminal
Material (Body)	Electrolytic copper
Material (Partially reinforced)	PVC





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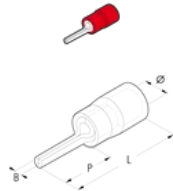
## List of products

### RF-P Cable type: copper, Minimum section: 0.25 mm<sup>2</sup>, Maximum section: 1.5 mm<sup>2</sup>

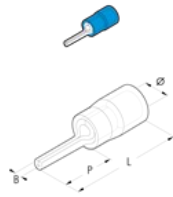



	Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
	RF-P8	Red	3.9 mm	1.6 mm	8 mm	17.9 mm	3,000	100	
	RF-P10	Red	3.9 mm	1.6 mm	10 mm	19.9 mm	3,000	100	
	RF-P12	Red	3.9 mm	1.6 mm	12 mm	22.1 mm	3,500	100	

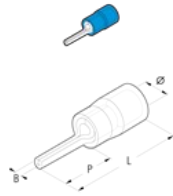
### RF-P Cable type: flexible copper, Minimum section: 0.25 mm<sup>2</sup>, Maximum section: 1.5 mm<sup>2</sup>



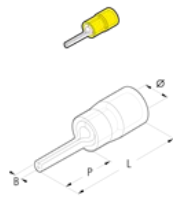
	Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
	RF-P8	Red	3.9 mm	1.6 mm	8 mm	17.9 mm	3,000	100	
	RF-P10	Red	3.9 mm	1.6 mm	10 mm	19.9 mm	3,000	100	
	RF-P12	Red	3.9 mm	1.6 mm	12 mm	22.1 mm	3,500	100	

**BF-P** Cable type: copper, Minimum section: 1.5 mm<sup>2</sup>, Maximum section: 2.5 mm<sup>2</sup>


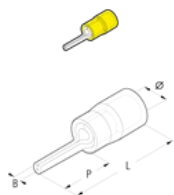
	Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
	BF-P8	Blue	4.9 mm	1.7 mm	8 mm	17.9 mm	2,500	100	
	BF-P10	Blue	4.9 mm	1.8 mm	10 mm	19.9 mm	2,500	100	
	BF-P12	Blue	4.9 mm	1.8 mm	12 mm	21.9 mm	2,500	100	

**BF-P** Cable type: flexible copper, Minimum section: 1.5 mm<sup>2</sup>, Maximum section: 2.5 mm<sup>2</sup>


	Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
	BF-P8	Blue	4.9 mm	1.7 mm	8 mm	17.9 mm	2,500	100	
	BF-P10	Blue	4.9 mm	1.8 mm	10 mm	19.9 mm	2,500	100	
	BF-P12	Blue	4.9 mm	1.8 mm	12 mm	21.9 mm	2,500	100	

**GF-P** Cable type: flexible copper, Minimum section: 4 mm<sup>2</sup>, Maximum section: 6 mm<sup>2</sup>


	Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
	GF-P10	Yellow	6.7 mm	2.2 mm	10 mm	24.6 mm	1,000	100	
	GF-P12	Yellow	6.7 mm	2.2 mm	12 mm	26.8 mm	1,000	100	
	GF-P14	Yellow	6.7 mm	2.2 mm	14 mm	28.8 mm	1,000	100	

**GF-P** Cable type: copper, Minimum section: 4 mm<sup>2</sup>, Maximum section: 6 mm<sup>2</sup>


	Type	Colour	Ø	B	P	L	Pack qty	Min. pack qty	
	GF-P10	Yellow	6.7 mm	2.2 mm	10 mm	24.6 mm	1,000	100	
	GF-P12	Yellow	6.7 mm	2.2 mm	12 mm	26.8 mm	1,000	100	
	GF-P14	Yellow	6.7 mm	2.2 mm	14 mm	28.8 mm	1,000	100	