

# Standard Pluggable PCB Terminal Blocks

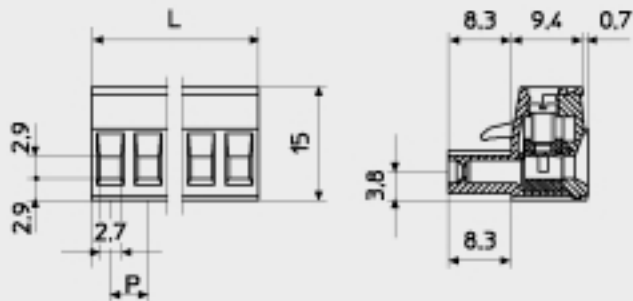
The CPF family of standard pluggable terminal blocks is available in 2 through 24 positions. It is also available in 6 different pin spacings to meet the needs of the application. The housing will match other industry standard pluggable terminal blocks and plug directly into their pin headers. The CPF has a molded in polarization feature so that it can only be plugged in one direction. Each connector housing also features locking latches to hold it firmly in place. The contacts are nickel-plated phosphor bronze and contact the header pin on both sides to insure a reliable electrical connection. The housing material is a UL94V0 polyamide and is UL rated at 12 amps, 300 volts with a wire range of 12 AWG to 24 AWG.

## SPECIFICATIONS

|                    |                                  |
|--------------------|----------------------------------|
| Housing Material:  | PA68 Polyamide, Flammable UL94V0 |
| Housing Color:     | Green                            |
| Screw:             | Zinc Plated Steel                |
| Clamp:             | Nickel Plated Brass              |
| Pin:               | Tin Plated Brass                 |
| Testing torque:    | 4.4 in/lb.                       |
| Wire range:        | 12-24 AWG                        |
| Nominal current:   | 12 A                             |
| Voltage:           | 300 V                            |
| Temperature Range: | -30° C to 85° C                  |



CPF 1000



| p     | L mm            |
|-------|-----------------|
| 5     | 5 x p           |
| 5,08  | 5,08 x p        |
| 10    | 10 x p -5       |
| 10,16 | 10,16 x p -5,08 |

| Catalog # | No. of Positions | Length (mm) |
|-----------|------------------|-------------|
| CPF5-2    | 2                | 10          |
| CPF5-3    | 3                | 15          |
| CPF5-4    | 4                | 20          |
| CPF5-5    | 5                | 25          |
| CPF5-6    | 6                | 30          |
| CPF5-7    | 7                | 35          |
| CPF5-8    | 8                | 40          |
| CPF5-9    | 9                | 45          |
| CPF5-10   | 10               | 50          |
| CPF5-11   | 11               | 55          |
| CPF5-12   | 12               | 60          |
| CPF5-13   | 13               | 65          |
| CPF5-14   | 14               | 70          |
| CPF5-15   | 15               | 75          |
| CPF5-16   | 16               | 80          |
| CPF5-17   | 17               | 85          |
| CPF5-18   | 18               | 90          |
| CPF5-19   | 19               | 95          |
| CPF5-20   | 20               | 100         |
| CPF5-21   | 21               | 105         |
| CPF5-22   | 22               | 110         |
| CPF5-23   | 23               | 115         |
| CPF5-24   | 24               | 120         |