# SERIES 371

371-031-12

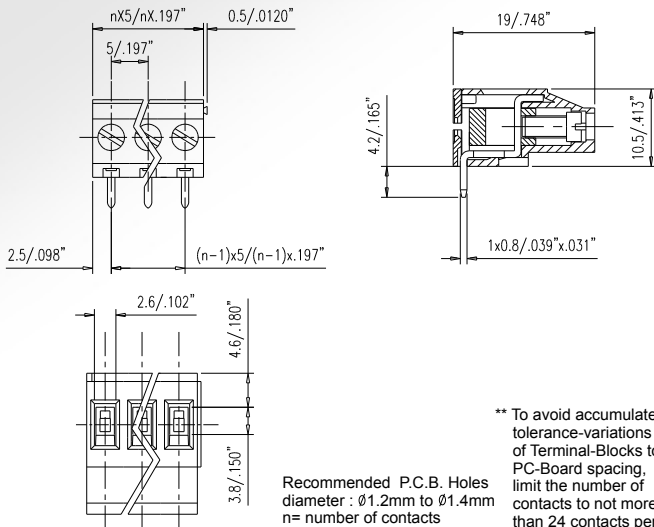## Terminal Blocks For PC-Boards
## Machined Type Insert

Top Wire Inlet Type - Screw On Front
Spacing 5mm or 10mm
Height Over PC-Board 10.5mm

Recommended P.C.B. Holes
diameter : Ø1.2mm to Ø1.4mm
n= number of contacts

** To avoid accumulated
tolerance-variations
of Terminal-Blocks to
PC-Board spacing,
limit the number of
contacts to not more
than 24 contacts per row.

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# Technical Data

## Material

- Contact:                          Brass (Cu Zn)
  (metal housing)                   Cu/Ni, tin plated
- Terminal screw:                   Steel galvanized
                                    and chromatized
- Wire guard:                       Cu Sn 6
- Surface
  of solder tail:                   Tin plated
- Insulator body                    Poly Butylene
  (housing)                         Terephthlene,
                                    PBT (30%Glass filled)
                                    (UL 94 V-0)

## Electrical

- Current rating:                   20 Amp
- Resistance to tracking:           5M $\Omega$
- Dielectric strength:              2500V
- Insulation withstands
  voltage:                          AC 1500V/Min
- Rated voltage:                    300V
- Rated cross section:              $2.5mm^2$
- Conductor Size:                   $0.5 - 4mm^2$
- AWG:                              22 - 14
- Stripping length:                 7.5 - 8mm

## Mechanical

- Operating
  temperature:                      $-30°C$ to $+ 120°C$
- Short time peak
  temperature:                      $+200°C$ max

## HOW TO ORDER : 371 — XX X — 1 X

Series No.   No. of Pole   Pitch   Color

Pitch:
| 1 | 5mm |
| 2 | 10mm |

Color:
| 1 | Grey |
| 2 | Blue |
| 3 | Black |
| 4 | Green |