# Screw Type Series

# 300 Series

## Technical Data:

### Material:
- HOUSING: PBT (Glass filled) UL 94 V-0.
- Metal Housing: Brass (Cu Zn) Cu, Tin plated.
- Screw: Steel galvanized and chromatized.
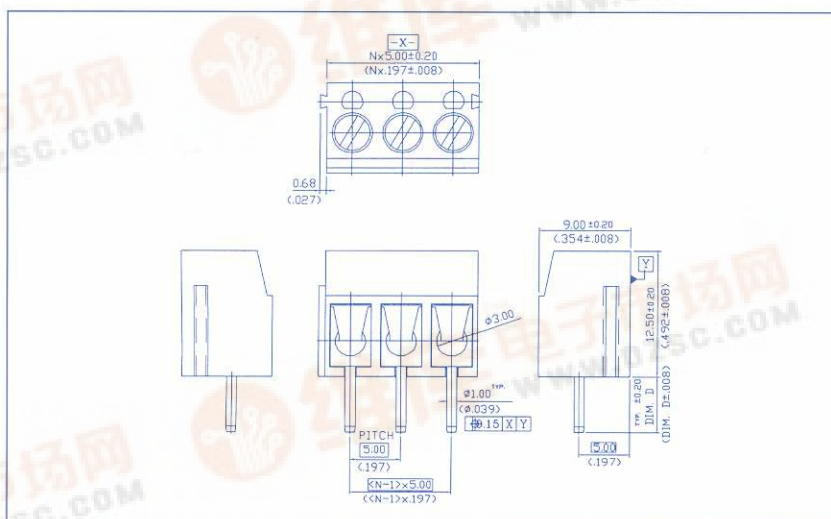- Wire guard: Stainless steel Tin plated.

### Electrical:
- Current rating: 10 Amps/way max.
- Contact resistance: 20m $\Omega$ (Max).
- Insulation resistance: 5000M $\Omega$ /1000V.
- Withstanding Voltage: 1500VAC (1min). test time=60sec/1pcs
- Operation Voltage: 300 VAC.
- Wire Stripping length:
- Wire Range: 14-22 AWG.
- Wire type: both sol and Str.

### Mechanical:
- Screw Torque: 4 Kg. cm (Max).
- Operating temperature:−55°C to +105°C
- Solderability: 95 % coverage (min). test temperature= 230°C ± 10°C. test time= 3sec ± 5sec.

## Application and Features:

- This is the most standard version which is an economic and reliable solution for Cable to PC-Board Connection.
- Standard sizes are 2 and 3 way-blocks, but every number of contact can be combined, by simply plugging them together and can be ordered as required.
- Holes for test-pins.
- With wire guard for wire protection (for that the screw doesn't press directly on the wire)



## Notes: Please replace 'X' with appropriate coding listed in the tables below

300-XXX-XX00-00X0

| Number of contact | | Pitch | | Wire Guard | | Color | | Screw Type | |
|---|---|---|---|---|---|---|---|---|---|
| 02-24 po | 02 | 5.00mm/.197" | 0 | With | 0 | Black | 0 | "_" | 0 |
| | 03 | 10.00mm/.394" | 1 | Without | 1 | Green | 5 | "+" | 1 |
| | etc. | 15.00mm/.591" | 2 | | | Blue | 6 | | |

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