

3.50 mm. DUAL ROW TOP ENTRY HEADER



3541 SERIES. 3.50 x 4,60 mm. (0.138 x 0.181") Pitch. ULTRA POWER.

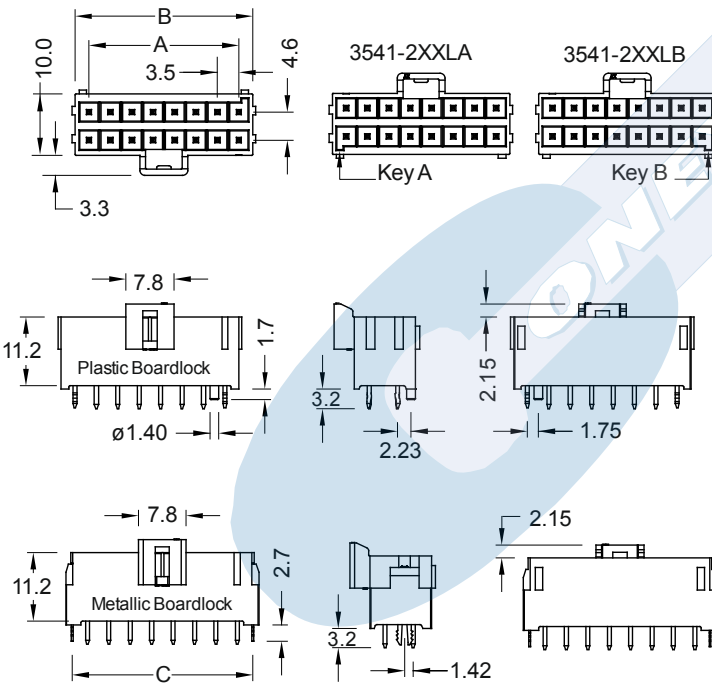
General Features

- Available in 4 through 16 circuits
- Mates with 3.50 mm. pitch crimp housing 3540 series
- Tin plated 0.64 mm. square pin
- Fully shrouded with polarized slot and extra polarizing key A or B. Positive lock

Materials

- Insulator: LCP UL 94 V-0
- Terminal: Tin plated brass high conductivity
- Operating temperature: -40°C to +105°C
- RoHS compliant

Dimensional Information



DIMENSIONS

$$A = 3.5 \left(\frac{XX}{2} - 1 \right); \quad B = 3.50 \left(\frac{XX}{2} \right) + 1.00 \quad C = 3.50 \left(\frac{XX}{2} \right) + 1.50 \quad D = 3.50 \left(\frac{XX}{2} \right) + 3.60$$

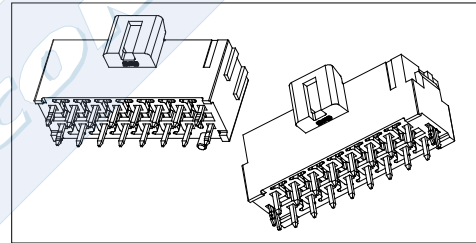
(XX) = Number of circuits

Electrical Features

- Voltage rating: < 400V
- Current rating: < 8 A
- Contact resistance: < 10 mΩ
- Dielectric withstanding voltage: 1800 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Pin retention force to insulator: < 1.50 Kgf
- Durability: 25 cycles



Ordering Information:

3541 - 2- XX- L- P
 1 2 3 4

1. Connector Series

2. (XX) Number of circuits

- Available in 4 through 16 circuits

3. (L) Fixing Options

- L = 1. Plastic Boardlock
- L = 2. Metallic Boardlock

4. (P) Polarising Options

- P = A. Polarising A Type (Black Colour)
- P = B. Polarising B Type (Natural Colour)

RECOMMENDED HOLE PATTERN

