3.50 mm. DUAL ROW SIDE ENTRY HEADER

3542 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

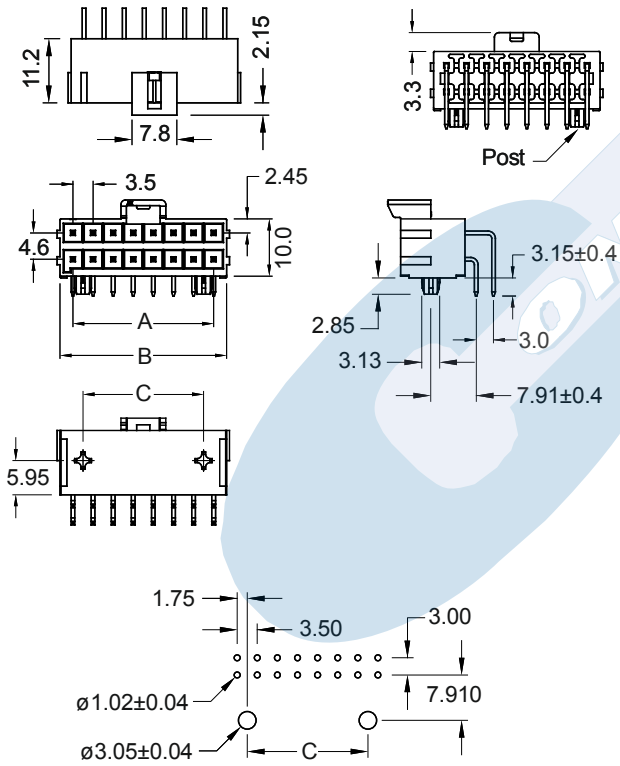
Electrical Features

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

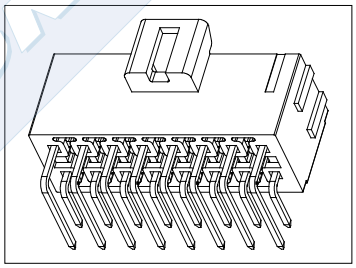
Mechanical Features

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

Dimensional Information



RECOMMENDED HOLE PATTERN



Ordering Information:

3542 - 2- XX- 1- P

1 2 3

1. Connector Series

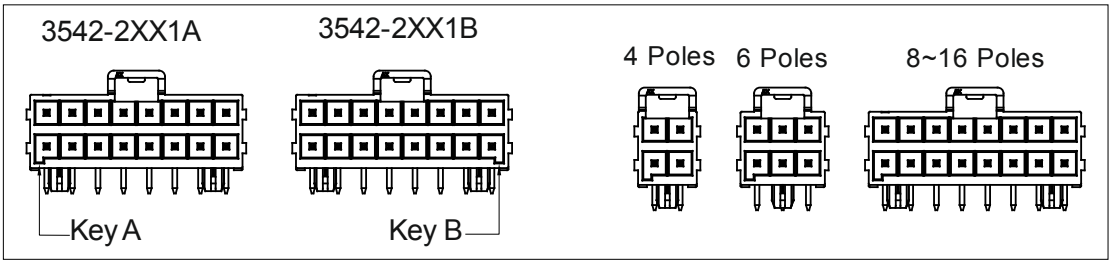
2. (XX) Number of circuits

- Available in 4 through 16 circuits

3. (P) Polarising Options

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

DIMENSIONS

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

(XX) = Number of circuits