

# 3.50 mm. SINGLE ROW SIDE ENTRY HEADER



## 3532 SERIES. 3.50 mm. (0.138") pitch. ULTRA POWER.

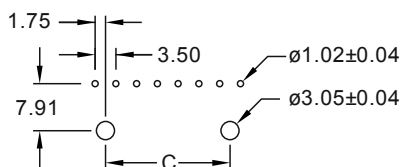
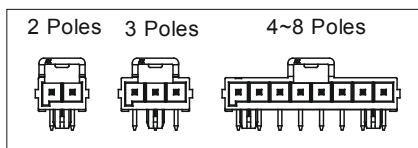
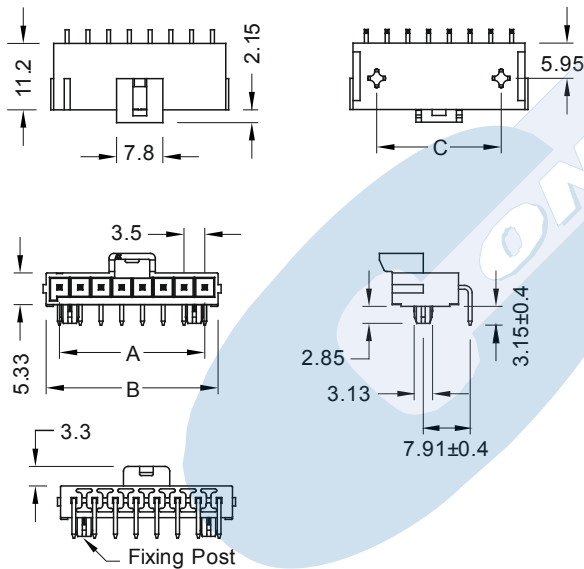
### General Features

- Available in 2 through 8 circuits
- Mates with 3.50 mm. pitch crimp housing 3530 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



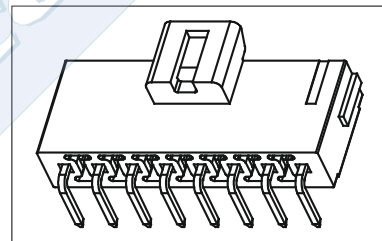
RECOMMENDED HOLE PATTERN

### Electrical Features

- Voltage rating: < 400V
- Current rating: < 14 A for 16 AWG 2 ways
- 8 A for other ways
- 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:

**3532 - 2- XX- 1- P**  
 1                      2                      3

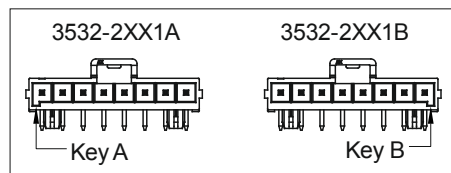
#### 1. Connector Series

#### 2. (XX) Number of circuits

- Available in 2 through 8 circuits

#### 3. (P) Polarising Options

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



#### Dimensions: (In mm.)

A = 3.50 x (XX\*-1)

B = 3.50 x (XX\*)+1

C = 3.50 x (XX-2) Min. 4 pins

\* XX (Number of circuits)