

# SINGLE ROW DUAL BODY VERT. PIN HEADER



## 2548 SERIES. 2.54 mm (0.100") pitch.

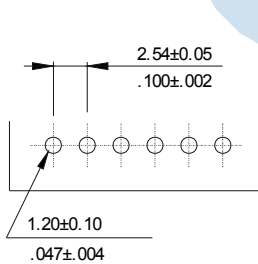
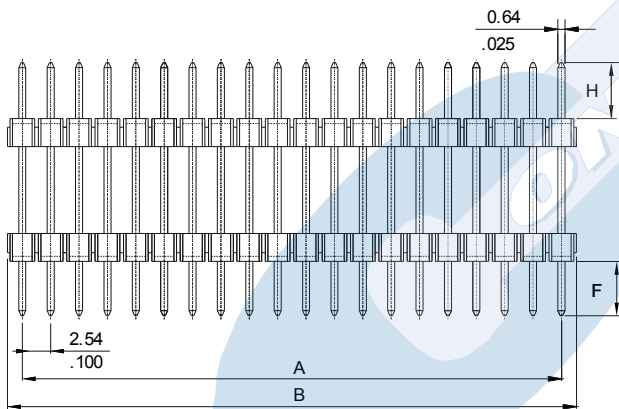
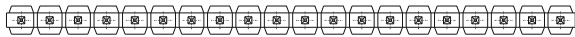
### General Features

- Available in 2 through 40 circuits
- Mates with sockets 2.54 mm pitch 2101, 2550, 2595, 2596, 2553, 2554, 2247, 2551, 2552, 2577, 2102, 2106 & 2452 series
- 0,64 mm. square pin with different plating
- Different pin length
- Consult Sales Office

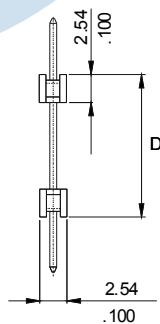
### Materials

- Insulator: High temperature thermoplastic UL 94 V-0
- Contact: brass
- Operating temperature: -40°C to +105°C
- RoHS compliant

### Dimension Information



RECOMMENDED HOLE PATTERN



Dimensions: (In mm.)

$$A = 2.54 \times (XX* - 1)$$

$$B = 2.54 \times (XX*)$$

\* XX (Number of circuits)

### Electrical Features

- Voltage rating: < 250V
- Current rating: < 3 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 600 V AC/minute
- Insulation resistance: >1000 MΩ
- Capacitance: < 2 pF at 1 KHz

### Mechanical Features

- Pin retention force to insulator: > 0,50 Kgf
- Durability: 50 cycles

### Ordering Information:

**2548 - T- XX- C**  
 1            2            3            4

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 2. Tin plated
- T = 3. Gold flash over nickel  
Recommended Finish

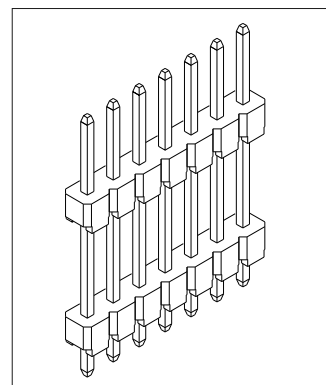
- T = 5. 15μ" gold over nickel
- T = 6. 30μ" gold over nickel

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

- Available in 2 through 40 circuits

#### 5. (C) Pin Dimensions

- The dimensions H, D and F are optional  
(Check and consult Sales Office)

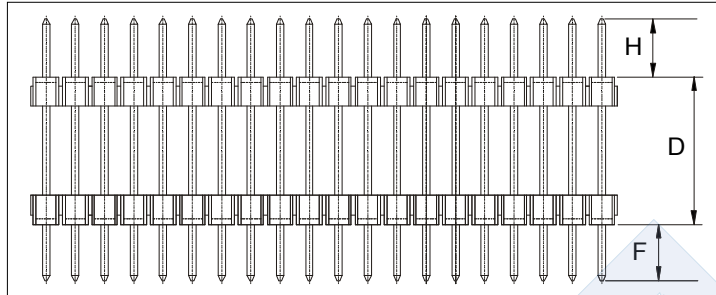


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**2548 SERIES.** 2.54 mm (0.100") pitch.

## Dimensions



### C = Pin Dimensions

|                         |               |              |
|-------------------------|---------------|--------------|
| ● C = 1. H = 8.90mm.    | D = 11.08mm.  | F = 3.05mm   |
| ● C = 2. H = 6.00mm.    | D = 7.00mm.   | F = 3.00mm   |
| ● C = 3. H = 6.00mm.    | D = 5.08mm.   | F = 3.00mm   |
| ● C = 4. H = 8.13mm.    | D = 14.42mm.  | F = 2.90mm   |
| ● C = 5. H = 7.00mm.    | D = 28.00mm.  | F = 3.00mm   |
| ● C = 6. H = 5.90mm.    | D = 11.20mm.  | F = 3.40mm   |
| ● C = 7. H = 7.00mm.    | D = 24.00mm.  | F = 3.00mm   |
| ● C = 9. H = 8.00mm.    | D = 14.50mm.  | F = 3.00mm   |
| ● C = 15. H = 7.00mm.   | D = 14.00mm.  | F = 3.00mm   |
| ● C = 16. H = 2.50mm.   | D = 6.00mm.   | F = 2.50mm   |
| ● C = 17. H = 3.00mm.   | D = 13.10mm.  | F = 3.00mm   |
| ● C = 18. H = 3.20mm.   | D = 18.50mm.  | F = 3.20mm   |
| ● C = 19. H = 6.00mm.   | D = 13.00mm.  | F = 3.00mm   |
| ● C = 20. H = 3.00 mm.  | D = 30.00 mm. | F = 3.00 mm. |
| ● C = 22. H = 9.10 mm.  | D = 5.50 mm.  | F = 9.00 mm. |
| ● C = 23. H = 3.00 mm.  | D = 6.00 mm.  | F = 6.00 mm. |
| ● C = 24. H = 4.40 mm.  | D = 5.10 mm.  | F = 3.30 mm. |
| ● C = 25. H = 3.20 mm.  | D = 8.00 mm.  | F = 3.20 mm. |
| ● C = 26. H = 3.00 mm.  | D = 31.50 mm. | F = 3.00 mm. |
| ● C = 27. H = 6.00 mm.  | D = 14.10 mm. | F = 3.00 mm. |
| ● C = 28. H = 6.00 mm.  | D = 10.00 mm. | F = 3.00 mm. |
| ● C = 29. H = 3.00 mm.  | D = 10.40 mm. | F = 3.00 mm. |
| ● C = 30. H = 4.50 mm.  | D = 25.00 mm. | F = 4.50 mm. |
| ● C = 31. H = 3.60 mm.  | D = 24.90 mm. | F = 2.80 mm. |
| ● C = 32. H = 6.00 mm.  | D = 31.50 mm. | F = 3.00 mm. |
| ● C = 33. H = 11.70 mm. | D = 11.10 mm. | F = 3.00 mm. |
| ● C = 34. H = 3.00 mm.  | D = 5.08 mm.  | F = 3.00 mm. |
| ● C = 35. H = 6.00 mm.  | D = 36.00 mm. | F = 3.00 mm. |
| ● C = 36. H = 3.00 mm.  | D = 20.00 mm. | F = 3.00 mm. |