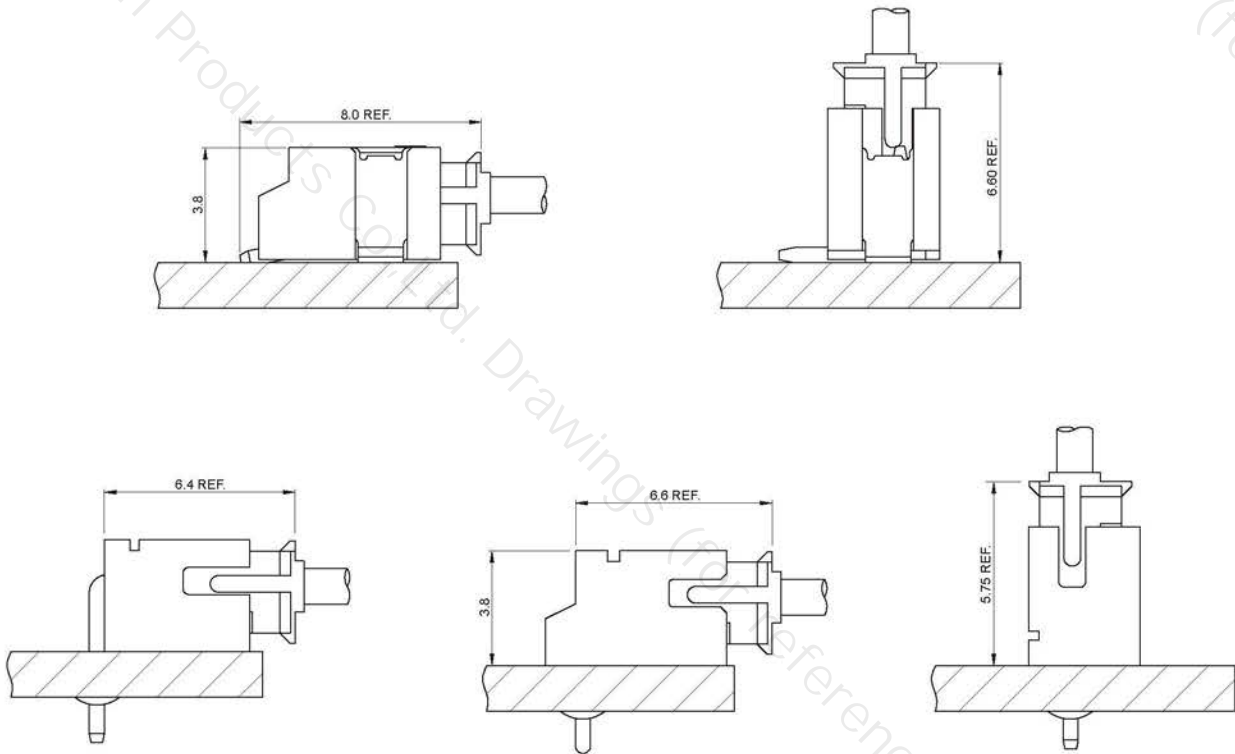


■ Specifications

- Contact resistance: $\leq 20m\Omega$
- Insulation resistance: $\geq 500M\Omega$
- Rated voltage: 125V AC DC
- Rated current: 1.0A AC DC
- Withstand voltage: 500V AC/minute
- Temperature range: $-25^{\circ}C \sim +85^{\circ}C$

■ Assembly Layout



WIRE TO BOARD

BOARD TO BOARD

WIRE TO WIRE

FPC SERIES

THR SERIES

LIGHTING SERIES

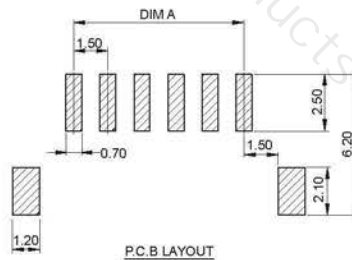
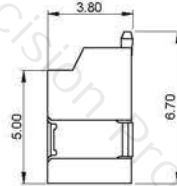
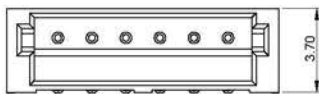
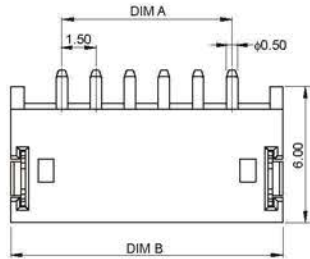
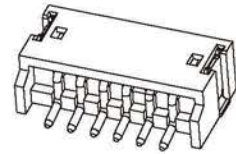
OTHER SERIES

A1501 SERIES

1.50mm pitch wire to board connector

A1501AWR (1.50mm pitch 90°Wafer SMT TYPE)

- Reference Information:
 - Material: Pin: Brass/Tin-plated
 - Solder Tabs: Phosphor Bronze/Tin-plated
 - Wafer: LCP,UL94V-0
 - Mates with A1501 series Housing

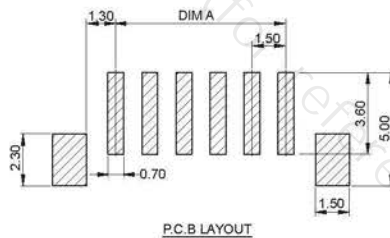
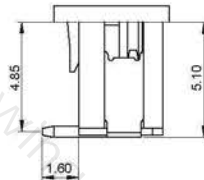
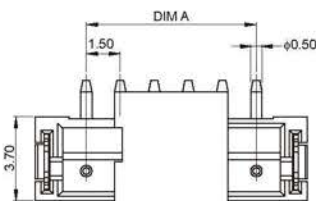
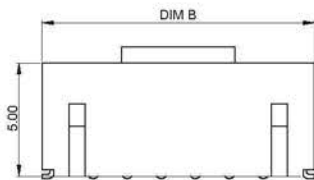
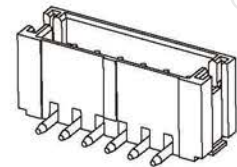


Ordering Information & Dimensions:

| Circuit | Dimensions(mm) | |
|---------|----------------|-------|
| | A | B |
| 02 | 1.50 | 6.00 |
| 03 | 3.00 | 7.50 |
| 04 | 4.50 | 9.00 |
| 05 | 6.00 | 10.50 |
| 06 | 7.50 | 12.00 |
| 07 | 9.00 | 13.50 |
| 08 | 10.50 | 15.00 |
| 09 | 12.00 | 16.50 |
| 10 | 13.50 | 18.00 |
| 11 | 15.00 | 19.50 |
| 12 | 16.50 | 21.00 |
| 13 | 18.00 | 22.50 |
| 14 | 19.50 | 24.00 |
| 15 | 21.00 | 25.50 |
| 16 | 22.50 | 27.00 |

A1501AWV (1.50mm pitch 180°Wafer SMT TYPE)

- Reference Information:
 - Material: Pin: Brass/Tin-plated
 - Solder Tabs: Phosphor Bronze/Tin-plated
 - Wafer: LCP,UL94V-0
 - Mates with A1501 series Housing

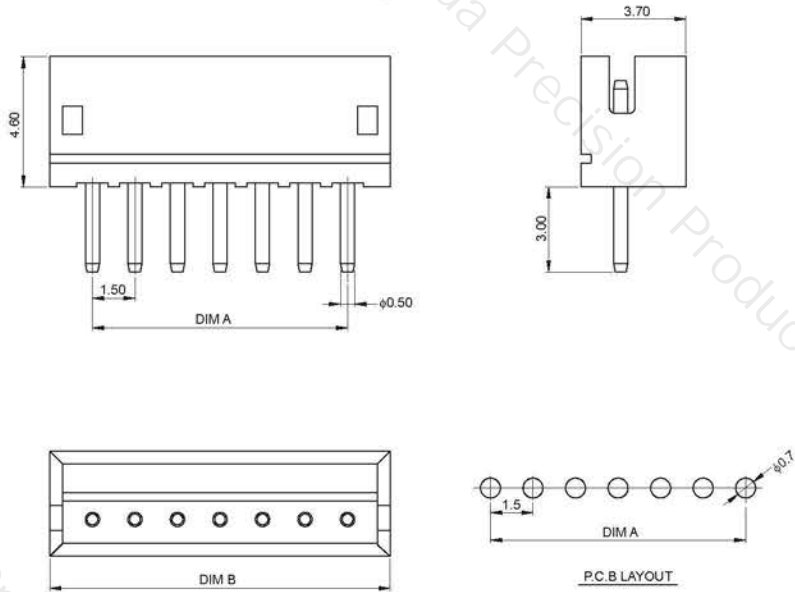
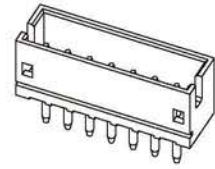


Ordering Information & Dimensions:

| Circuit | Dimensions(mm) | |
|---------|----------------|-------|
| | A | B |
| 02 | 1.50 | 6.00 |
| 03 | 3.00 | 7.50 |
| 04 | 4.50 | 9.00 |
| 05 | 6.00 | 10.50 |
| 06 | 7.50 | 12.00 |
| 07 | 9.00 | 13.50 |
| 08 | 10.50 | 15.00 |
| 09 | 12.00 | 16.50 |
| 10 | 13.50 | 18.00 |
| 11 | 15.00 | 19.50 |
| 12 | 16.50 | 21.00 |
| 13 | 18.00 | 22.50 |
| 14 | 19.50 | 24.00 |
| 15 | 21.00 | 25.50 |
| 16 | 22.50 | 27.00 |

A1501A (1.50mm pitch 180°Wafer DIP TYPE)

- Reference Information:
- Material: Pin: Brass/Tin-plated
- Wafer: PA66,UL94V-0(2)
- Mates with A1501 series Housing

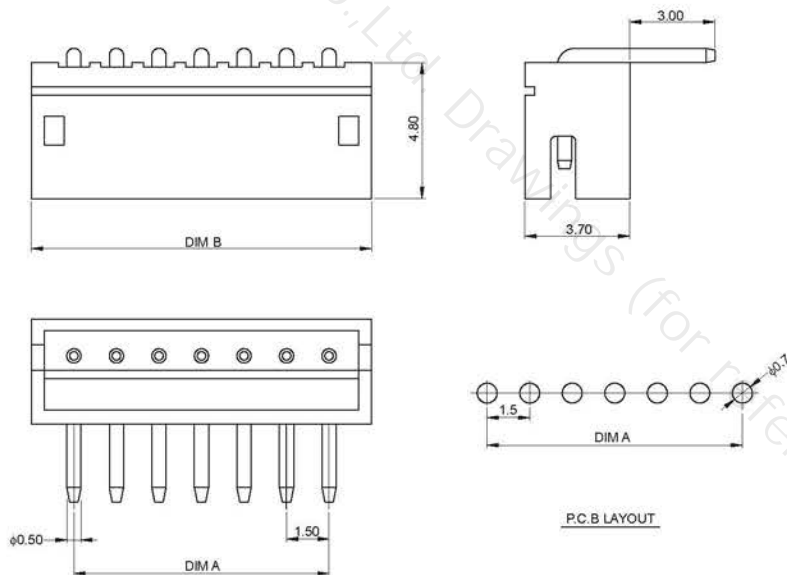
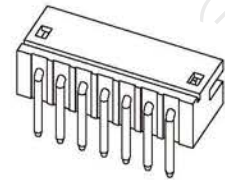


Ordering Information & Dimensions:

| Circuit | Dimensions(mm) | |
|---------|----------------|-------|
| | A | B |
| 02 | 1.50 | 4.50 |
| 03 | 3.00 | 6.00 |
| 04 | 4.50 | 7.50 |
| 05 | 6.00 | 9.00 |
| 06 | 7.50 | 10.50 |
| 07 | 9.00 | 12.00 |
| 08 | 10.50 | 13.50 |
| 09 | 12.00 | 15.00 |
| 10 | 13.50 | 16.50 |
| 11 | 15.00 | 18.00 |
| 12 | 16.50 | 19.50 |
| 13 | 18.00 | 21.00 |
| 14 | 19.50 | 22.50 |
| 15 | 21.00 | 24.00 |

A1501AW (1.50mm pitch 90°Wafer DIP TYPE)

- Reference Information:
- Material: Pin: Brass/Tin-plated
- Wafer: PA66,UL94V-0(2)
- Mates with A1501 series Housing



Ordering Information & Dimensions:

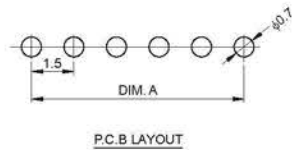
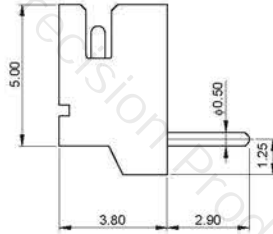
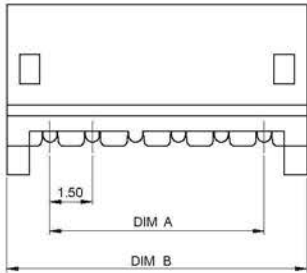
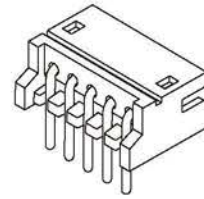
| Circuit | Dimensions(mm) | |
|---------|----------------|-------|
| | A | B |
| 02 | 1.50 | 4.50 |
| 03 | 3.00 | 6.00 |
| 04 | 4.50 | 7.50 |
| 05 | 6.00 | 9.00 |
| 06 | 7.50 | 10.50 |
| 07 | 9.00 | 12.00 |
| 08 | 10.50 | 13.50 |
| 09 | 12.00 | 15.00 |
| 10 | 13.50 | 16.50 |
| 11 | 15.00 | 18.00 |
| 12 | 16.50 | 19.50 |
| 13 | 18.00 | 21.00 |
| 14 | 19.50 | 22.50 |
| 15 | 21.00 | 24.00 |

A1501 SERIES

1.50mm pitch wire to board connector

A1501AWD (1.50mm pitch 90°Wafer DIP TYPE)

- Reference Information:
 - Material: Pin: Brass/Tin-plated
 - Wafer: PA66,UL94V-0(2)
 - Mates with A1501 series Housing

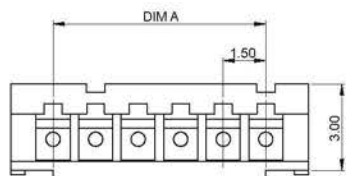
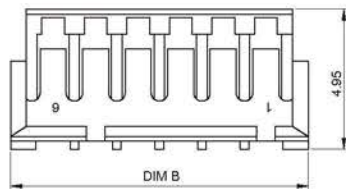
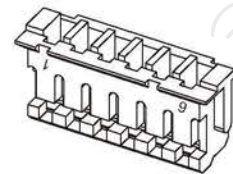


Ordering Information & Dimensions:

| Circuit | Dimensions(mm) | |
|---------|----------------|-------|
| | A | B |
| 02 | 1.50 | 4.50 |
| 03 | 3.00 | 6.00 |
| 04 | 4.50 | 7.50 |
| 05 | 6.00 | 9.00 |
| 06 | 7.50 | 10.50 |
| 07 | 9.00 | 12.00 |
| 08 | 10.50 | 13.50 |
| 09 | 12.00 | 15.00 |
| 10 | 13.50 | 16.50 |
| 11 | 15.00 | 18.00 |
| 12 | 16.50 | 19.50 |
| 13 | 18.00 | 21.00 |
| 14 | 19.50 | 22.50 |
| 15 | 21.00 | 24.00 |

A1501Y (1.50mm pitch Housing)

- Reference Information:
 - Material: PA66,UL94V-0(2)
 - Suitable A1501 series terminal
 - Mates with A1501 series Wafer



Ordering Information & Dimensions:

| Circuit | Dimensions(mm) | |
|---------|----------------|-------|
| | A | B |
| 02 | 1.50 | 4.50 |
| 03 | 3.00 | 6.00 |
| 04 | 4.50 | 7.50 |
| 05 | 6.00 | 9.00 |
| 06 | 7.50 | 10.50 |
| 07 | 9.00 | 12.00 |
| 08 | 10.50 | 13.50 |
| 09 | 12.00 | 15.00 |
| 10 | 13.50 | 16.50 |
| 11 | 15.00 | 18.00 |
| 12 | 16.50 | 19.50 |
| 13 | 18.00 | 21.00 |
| 14 | 19.50 | 22.50 |
| 15 | 21.00 | 24.00 |
| 16 | 22.50 | 25.50 |

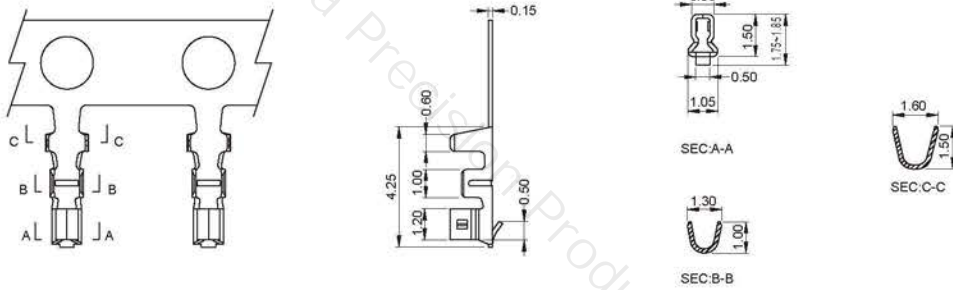
A1501 SERIES

1.50mm pitch wire to board connector

A1501T (1.50mm pitch Terminal)

■ Reference Information:

Used in A1501 series Housing



Ordering Information & Dimensions:

| Part No | Wire Range | Insulation O.D. | Material | Finish | Qty/Reel |
|---------|-------------|-----------------|-----------------|------------|----------|
| A1501T | AWG #28~#32 | 1.20mm(max) | Phosphor bronze | Tin-plated | 18000PCS |

WIRE TO BOARD

BOARD TO BOARD

WIRE TO WIRE

FPC SERIES

THR SERIES

LIGHTING SERIES

OTHER SERIES