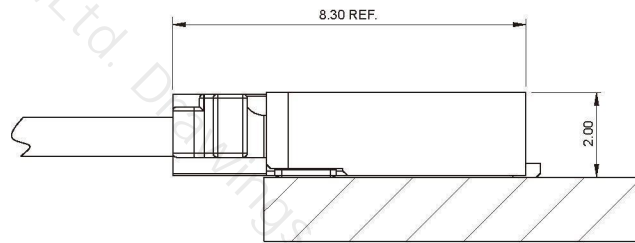


■ **Specifications**

- Contact resistance:  $\leq 20\text{m}\Omega$
- Insulation resistance:  $\geq 1000\text{M}\Omega$
- Rated voltage: 150V AC DC
- Rated current: 3.0A AC DC
- Withstand voltage: 500V AC/minute
- Temperature range:  $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$

■ **Assembly Layout**



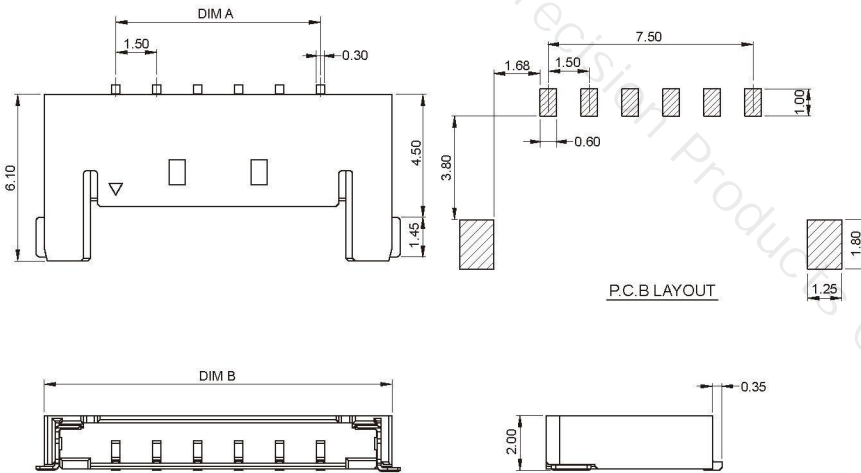
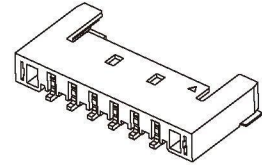
# A1503 SERIES

1.50mm pitch wire to board connector

## A1503AWR (1.50mm pitch 90°Wafer SMT TYPE)

■ Reference Information:

Material: Pin: PhosphorBronze/Gold-flash  
 Solder Tabs: Phosphor Bronze/Tin-plated  
 Wafer: PA4T,UL94V-0  
 Mates with A1503 series Housing



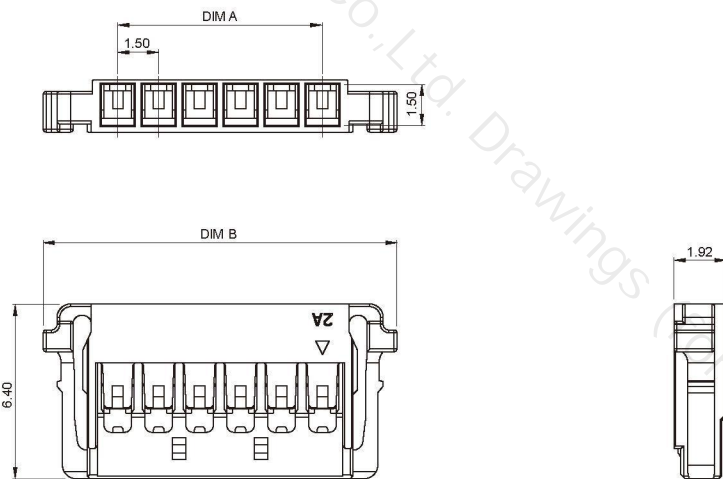
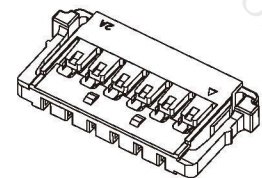
Ordering Information & Dimensions:

Circuit	Dimensions(mm)	
	A	B
02	1.50	6.75
03	3.00	8.25
04	4.50	9.75
05	6.00	11.25
06	7.50	12.75
07	9.00	14.25
08	10.50	15.75
09	12.00	17.25
10	13.50	18.75
11	15.00	20.25
12	16.50	21.75

## A1503Y (1.50mm pitch Housing)

■ Reference Information:

Material: PA66,UL94V-0(2)  
 Mates with A1503 series Wafer



Ordering Information & Dimensions:

Circuit	Dimensions(mm)	
	A	B
02	1.50	6.95
03	3.00	8.45
04	4.50	9.95
05	6.00	11.45
06	7.50	12.95
07	9.00	14.45
08	10.50	15.95
09	12.00	17.45
10	13.50	18.95
11	15.00	20.45
12	16.50	21.95

WIRE TO BOARD

BOARD TO BOARD

WIRE TO WIRE

FPC SERIES

1.5MM SERIES

LIGHTING SERIES

OTHER SERIES

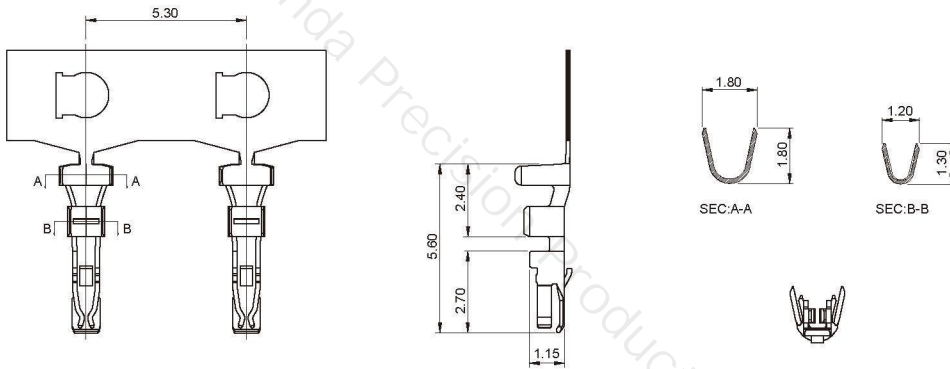
# A1503 SERIES

1.50mm pitch wire to board connector

## A1503T (1.50mm pitch Terminal)

■ Reference Information:

Used in A1503 series Housing



Ordering Information & Dimensions:

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A1503T	AWG #24~#28	1.10mm(max)	Phosphor bronze	Tin-plated	/