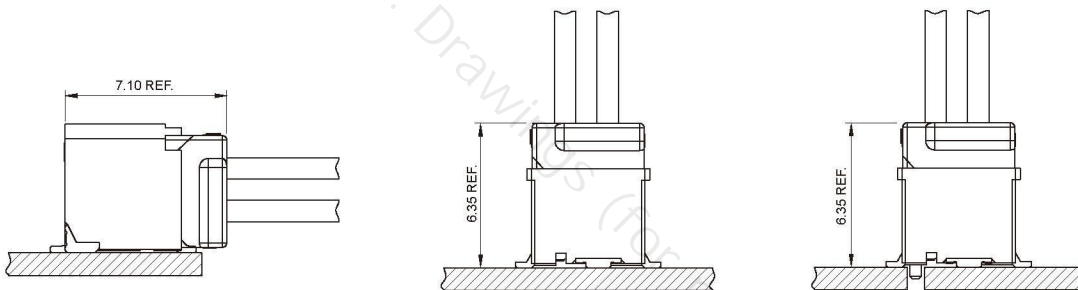


■ Specifications

- Contact resistance: $\leq 20\text{m}\Omega$
- Insulation resistance: $\geq 100\text{M}\Omega$
- Rated voltage: 50V AC DC
- Rated current: 1.0A AC DC
- Withstand voltage: 500V AC/minute
- Temperature range: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$

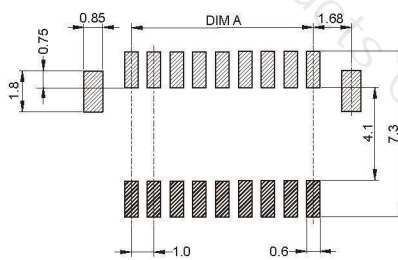
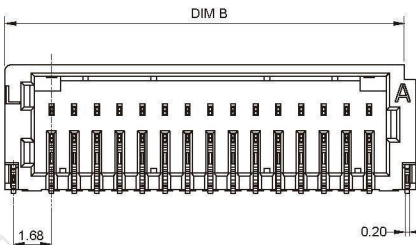
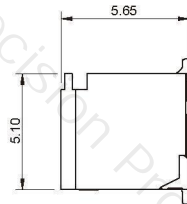
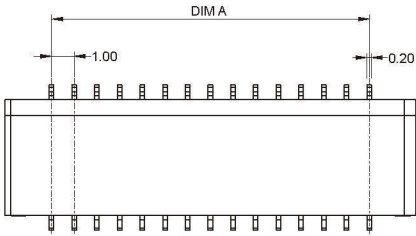
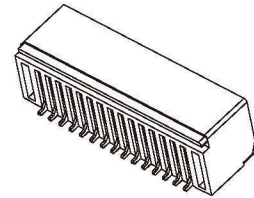
■ Assembly Layout



A1006AWR (1.00mm pitch 90°Wafer SMT TYPE)

■ Reference Information:

Material: Pin: Phosphor Bronze/Tin-plated or Gold-flash
 Solder Tabs: Brass/Tin-plated
 Wafer: PA9T,UL94V-0
 Mates with A1006 series Housing



P.C.B LAYOUT

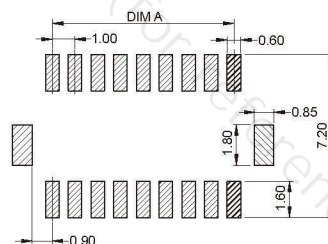
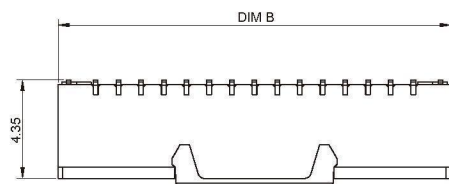
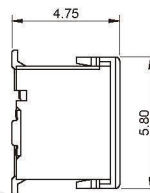
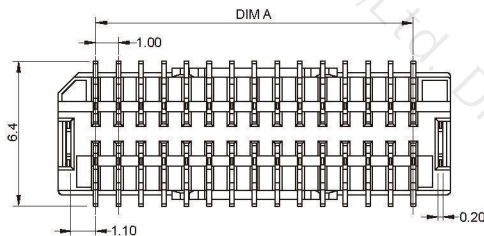
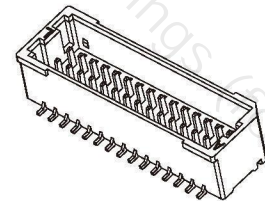
Ordering Information & Dimensions:

Circuit	Dimensions(mm)	
	A	B
2*5	4.00	8.10
2*6	5.00	9.10
2*7	6.00	10.10
2*8	7.00	11.10
2*9	8.00	12.10
2*10	9.00	13.10
2*15	14.00	18.10
2*20	19.00	23.10
2*25	24.00	28.10

A1006AWV (1.00mm pitch 180°Wafer SMT TYPE)

■ Reference Information:

Material: Pin: Phosphor Bronze/Tin-plated or Gold-flash
 Solder Tabs: Brass/Tin-plated
 Wafer: PA9T,UL94V-0
 Mates with A1006 series Housing



P.C.B LAYOUT

Ordering Information & Dimensions:

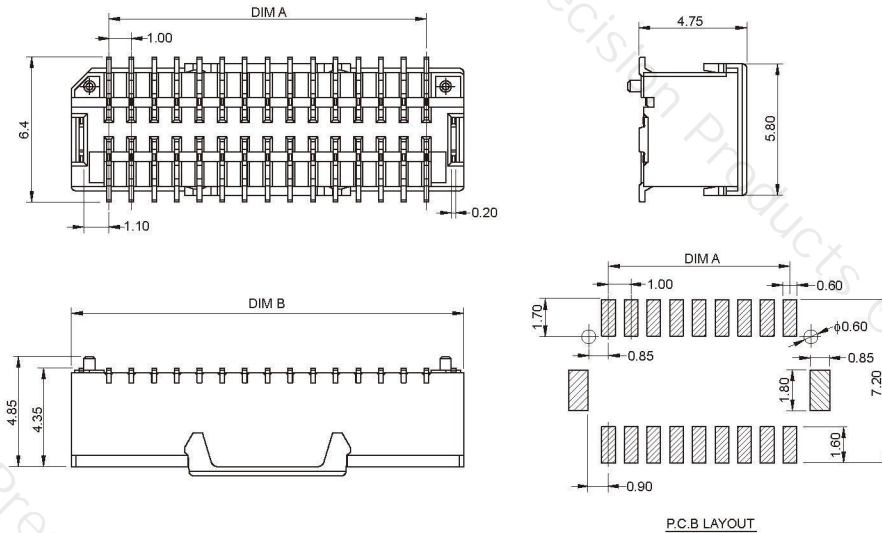
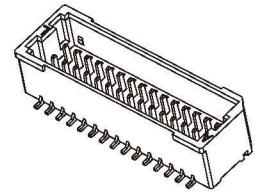
Circuit	Dimensions(mm)	
	A	B
2*2	1.00	4.30
2*3	2.00	5.30
2*4	3.00	6.30
2*5	4.00	7.30
2*6	5.00	8.30
2*7	6.00	9.30
2*8	7.00	10.30
2*9	8.00	11.30
2*10	9.00	12.30
2*11	10.00	13.30
2*12	11.00	14.30
2*14	13.00	16.30
2*15	14.00	17.30
2*16	15.00	18.30
2*18	17.00	20.30
2*20	19.00	22.30
2*25	24.00	27.30

A1006 SERIES

1.00mm pitch wire to board connector

A1006AWVB (1.00mm pitch 180°Wafer SMT TYPE)

- Reference Information:
 - Material: Pin: Phosphor bronze/Tin-plated or Gold-flash
 - Solder Tabs: Brass/Tin-plated
 - Wafer: PA9T,UL94V-0
 - Mates with A1006 series Housing

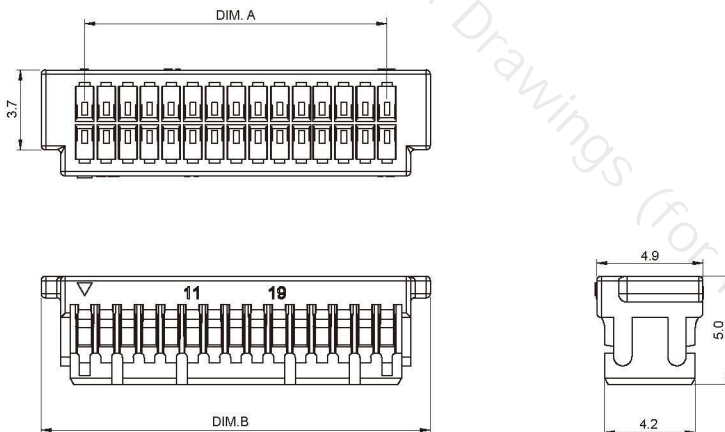
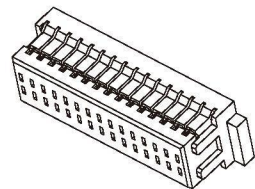


Ordering Information & Dimensions:

Circuit	Dimensions(mm)	
	A	B
2*2	1.00	4.30
2*3	2.00	5.30
2*4	3.00	6.30
2*5	4.00	7.30
2*6	5.00	8.30
2*7	6.00	9.30
2*8	7.00	10.30
2*9	8.00	11.30
2*10	9.00	12.30
2*11	10.00	13.30
2*12	11.00	14.30
2*14	13.00	16.30
2*15	14.00	17.30
2*16	15.00	18.30
2*18	17.00	20.30
2*20	19.00	22.30
2*25	24.00	27.30

A1006Y (1.00mm pitch Housing)

- Reference Information:
 - Material: PA66,UL94V-0(2)
 - Suitable A1001 series terminal
 - Mates with A1006 series Wafer



Ordering Information & Dimensions:

Circuit	Dimensions(mm)	
	A	B
2*2	1.00	5.00
2*3	2.00	6.00
2*4	3.00	7.00
2*5	4.00	8.00
2*6	5.00	9.00
2*7	6.00	10.00
2*8	7.00	11.00
2*9	8.00	12.00
2*10	9.00	13.00
2*11	10.00	14.00
2*12	11.00	15.00
2*14	13.00	17.00
2*15	14.00	18.00
2*16	15.00	19.00
2*18	17.00	21.00
2*20	19.00	23.00
2*25	24.00	28.00

WIRE TO BOARD

BOARD TO BOARD

WIRE TO WIRE

FPC SERIES

THR SERIES

LIGHTING SERIES

OTHER SERIES