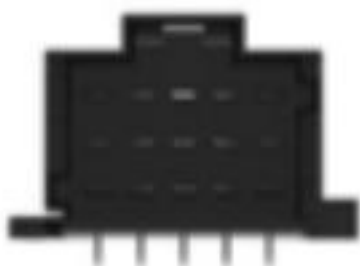


.197"(5.00mm) Pitch/Disconnectable Insulation Displacement Connectors

.197"(5.00mm) Connectors



.197" (5.00mm) Pitch 90° Wafer

Specifications:

Material And Finish:

Insulator:PA66 UL94-V0 Color:Black

Contact:Cush4

Plating:

①Matter Tin Plated

②Selective silver plate:

Mating Area: Silver plated

Solder Area: Tin plated

Rating:

Current Rating:10.0 Amp

Voltage Rating:28V AC/DC

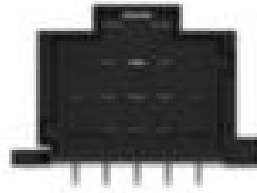
Operating Temperature Range:-40°~+125°C

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

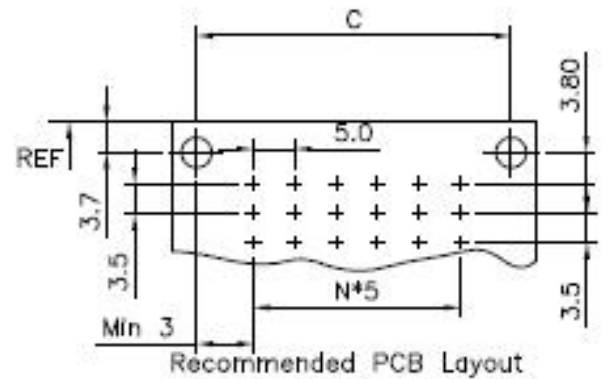
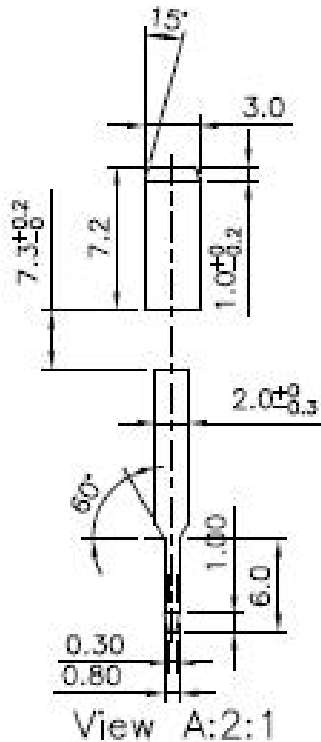
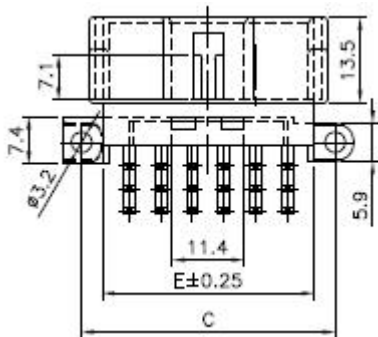
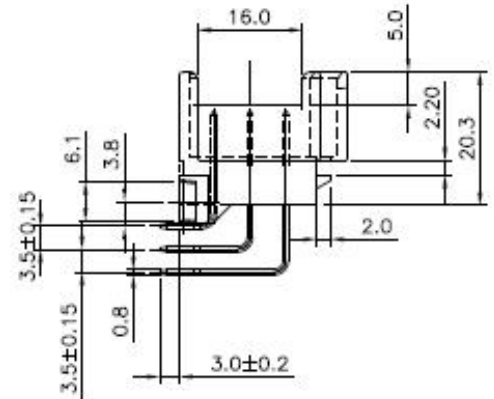
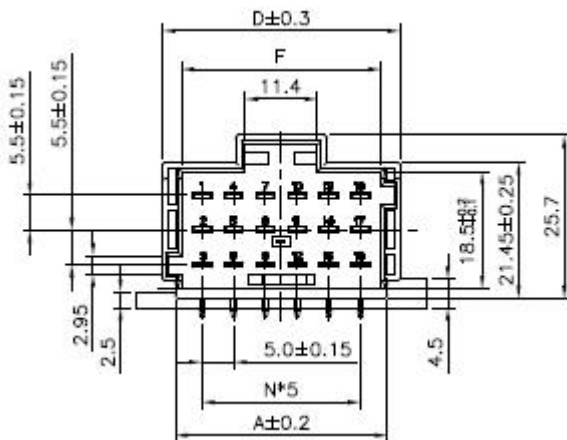
Withstanding Voltage:500V AC/Minute



Ordering Information

A50000R-XXG-XX-XC
1 2 3 4 5 6 7

- 1: — Series No.
- 2: — R/R/A Type
- 3: — No. of Positions
- 4: — S:Matter Tin Plated
G:Selective silver plated
- 5: — 01:A Type
02:B Type
(Refer to Table)
- 6: — B:Black
N:Natural
- 7: — C:In Tray



21	38.5	30	45	42.5	38.5	36.5
18	33.5	25	40	37.5	33.5	31.5
15	28.5	20	35	32.5	28.5	26.5
12	23.5	15	30	27.5	23.5	21.5
9	18.5	10	25	22.5	18.5	16.5
6	13.5	5	20	17.5	13.5	11.5
POSITIONS	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E	DIM.F

Specifications:

Material And Finish:

Insulator:PA66+30%GF UL94-V0 Color:Black

Contact:Brass

Plating:

①Matter Tin Plated

②Selective silver plate:

Mating Area: Silver plated

Solder Area: Tin plated

Rating:

Current Rating:10.0 Amp

Voltage Rating:28V AC/DC

Operating Temperature Range:-40~+125°C

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

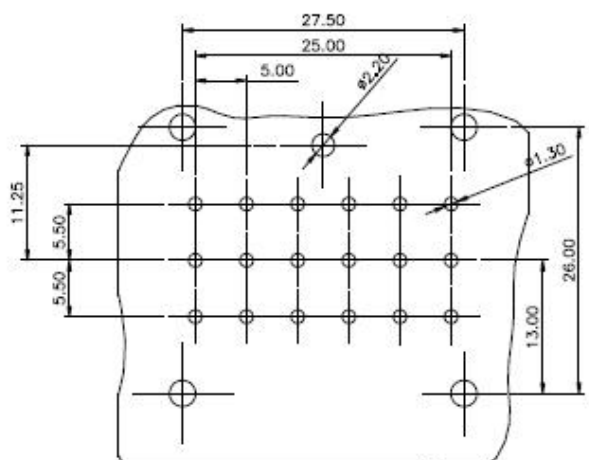
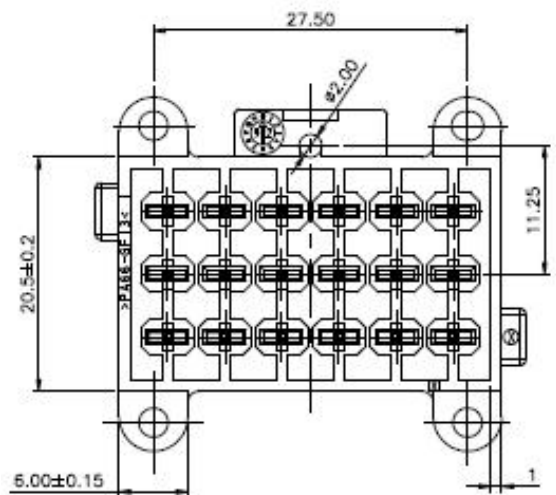
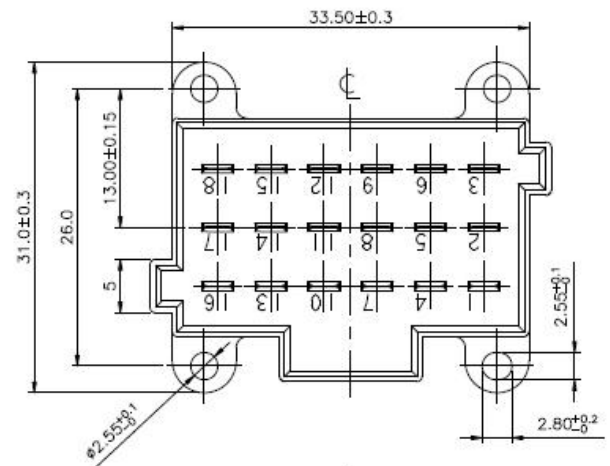
Withstanding Voltage:500V AC/Minute



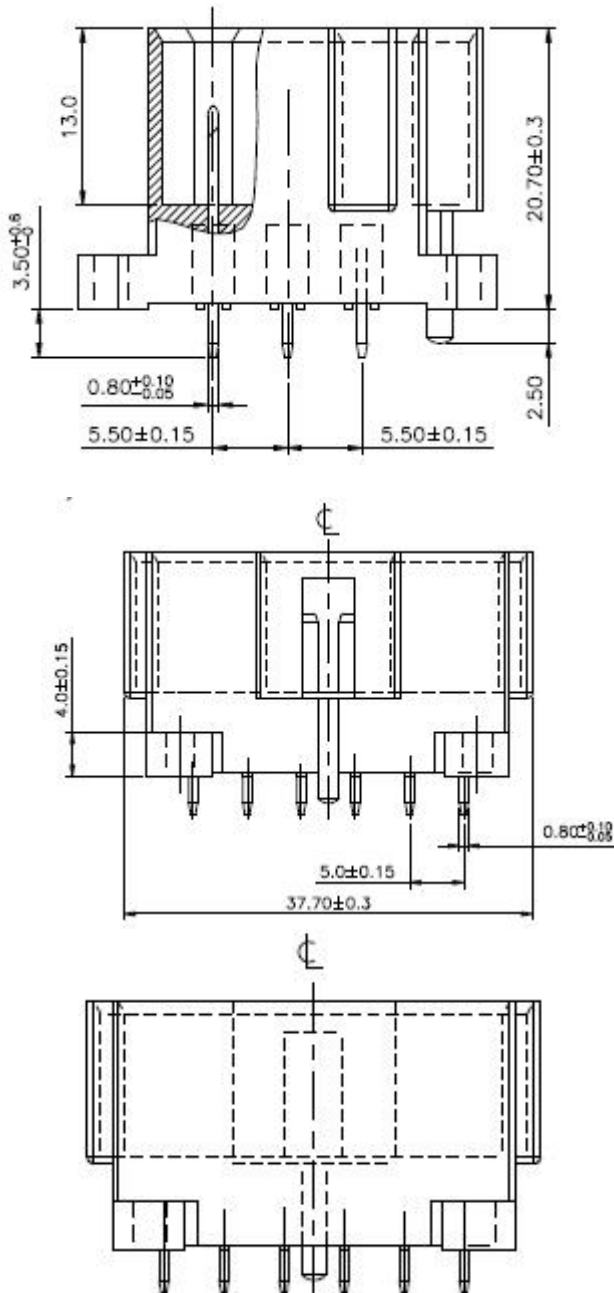
Ordering Information

A50000S-18G-01-BC

- 1: — Series No.
2: — S: Straight Type
3: — No. of Positions
4: — S: Matter Tin Plated
G: Selective silver plate
5: — B: Black
6: — C: In Tray



Recommended PCB Layout



.197" (5.00mm) Pitch Housing

Specifications:

Material And Finish:

Insulator:PBT UL94-V0

Rating:

Current Rating:30.0 Amp

Voltage Rating:28V AC/DC

Operating Temperature Range:-40~+120°C

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:100M ohm min.

Withstanding Voltage:500V AC/Minute



Ordering Information

H50000M-XXP-XX-XXA

1 2 3 4 5/6

1:— Series No.

2:— M:Male Housing

3:— No. of Positions

4:— 01:A Type

02:B Type

03:C Type

04:D Type

05:E Type

06:F Type

(Refer to Table)

5:— N:Natural

BR:Brown

GR:Grey

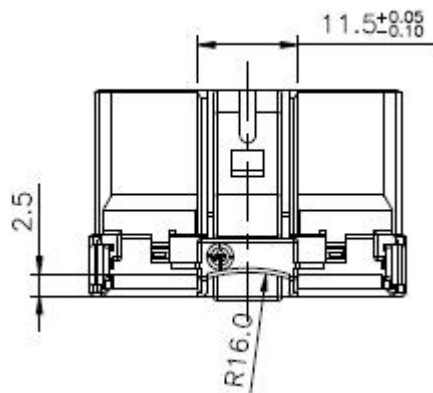
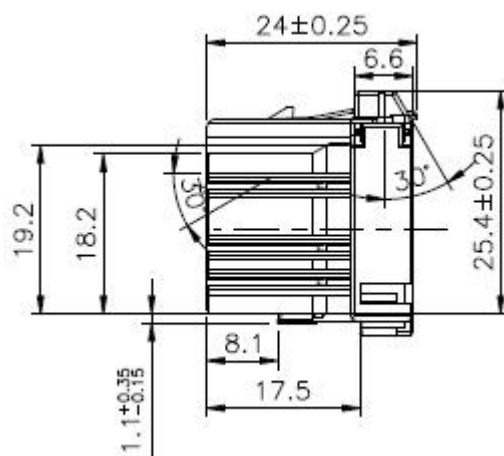
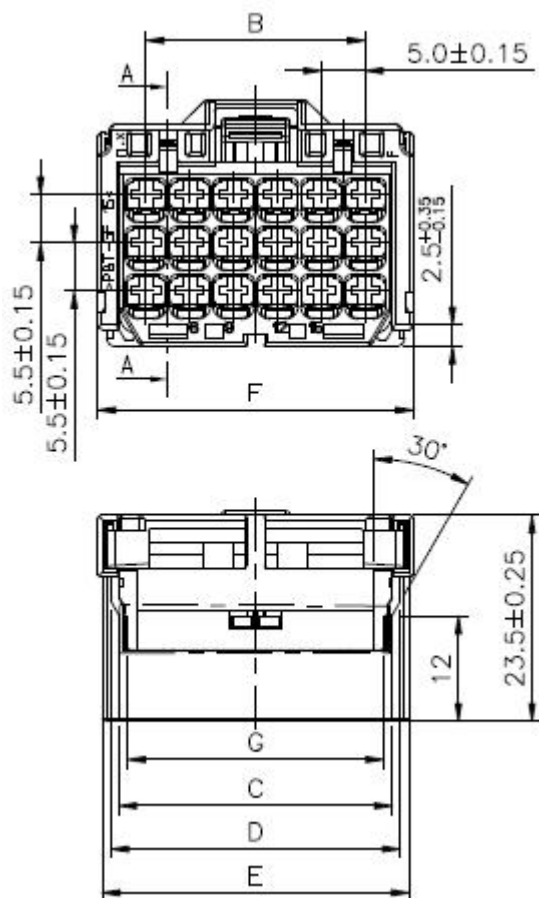
V:Violet

GR:Green

Y:Yellow

BL:Blue

6:— A:In Bag



21	30	36.2	38	39.9	41	34.2
18	25	31.2	33	34.9	36	29.2
15	20	26.2	28	29.9	31	15.5
12	15	21.2	23	24.9	26	10.5
9	10	16.2	18	19.9	21	5.5
6	5	11.2	13	14.9	16	4.5
POSITIONS	DIM.B	DIM.C	DIM.D	DIM.E	DIM.F	DIM.G