

.138''(3.50mm) Pitch/Disconnectable Insulation Displacement Connectors

.138''(3.50mm) Connectors



.138" (3.50mm) Pitch 90° Wafer

HJBRIGHT®

Specifications:

Material And Finish:

Insulator:PA6T UL94V-0 Color:Natural

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:1.0 Amp

Voltage Rating:1400V AC/DC

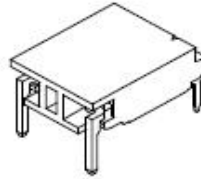
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

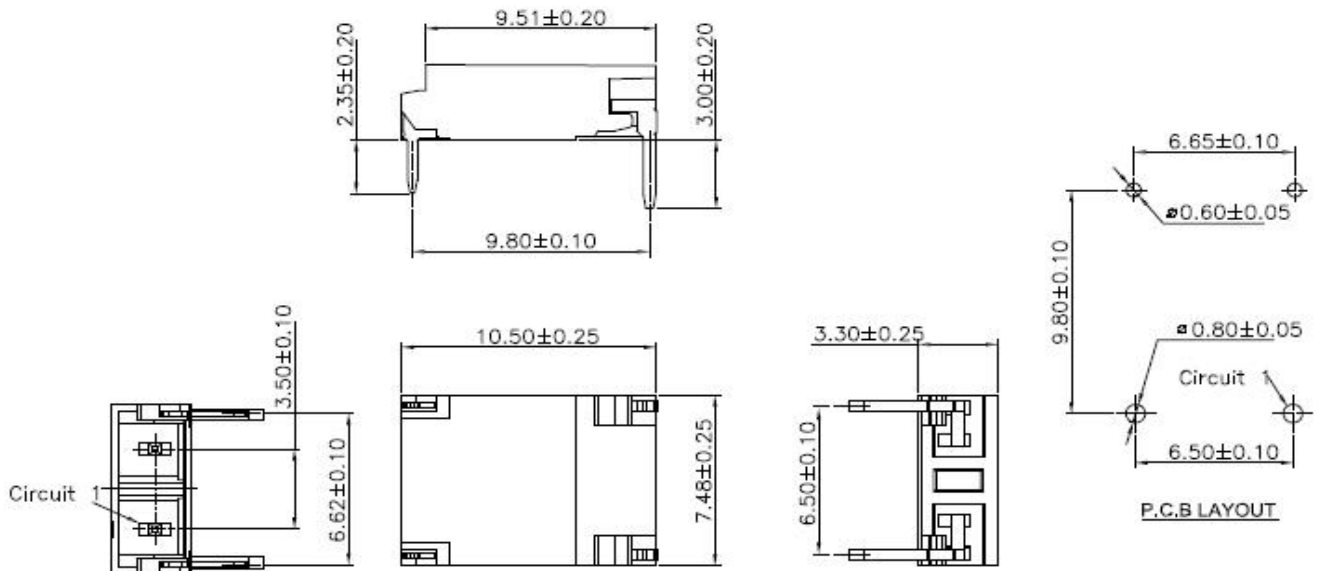
Withstanding Voltage:3800V AC/Minute



Ordering Information

A3500R-XXX-01-X

- 1:— Series No.
2:— R/R/A Type
3:— No. of Positions
4:— A: Glod flash
Q: Tin Plated
5:— A: In Bag
C: In Tray



Specifications:

Material And Finish:

Insulator:PA6T UL94V-0 Color:Natural

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:1.0 Amp

Voltage Rating:1400V AC/DC

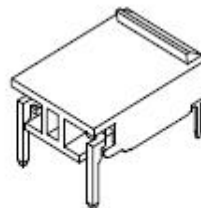
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

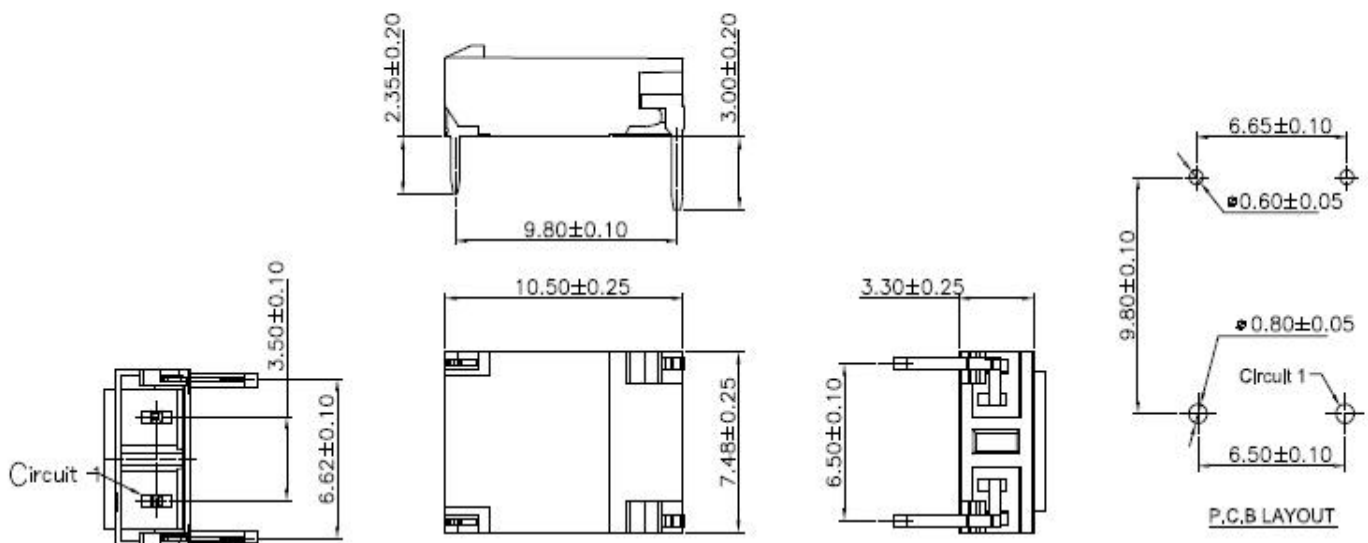
Withstanding Voltage:3800V AC/Minute



Ordering Information

A3500R-XXX-02-X

- 1:— Series No.
2:— R/R/A Type
3:— No. of Positions
4:— A: Glod flash
Q: Tin Plated
5:— A: In Bag
C: In Tray



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.138" (3.50mm) Pitch SMT Wafer

Specifications:

Material And Finish:

Insulator:PA6T UL94V-0 Color:Natural

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:1.0 Amp

Voltage Rating:1400V AC/DC

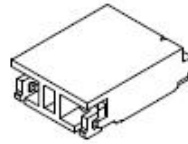
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:3800V AC/Minute



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Ordering Information

A3500H-XXX-01-X
1 2 3 4 5

1:— Series No.

2:— H:Horizontal SMT Type

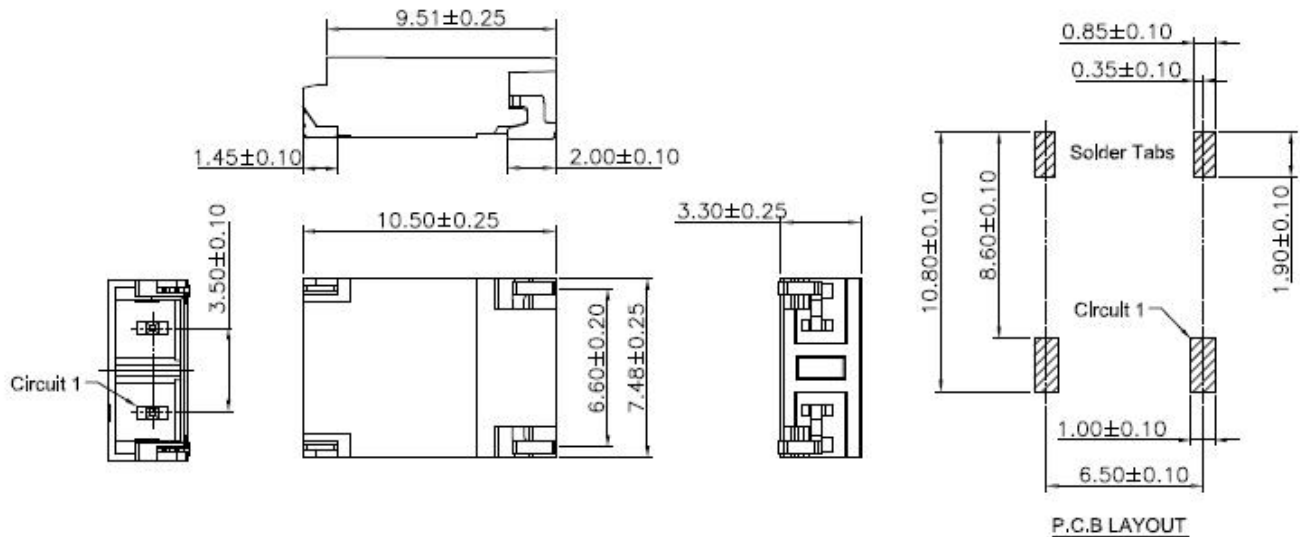
3:— No. of Positions

4:— A:Glod flash

Q: Tin Plated

5:— A:In Bag

C:In Tray



Specifications:

Material And Finish:

Insulator:PA6T UL94V-0 Color:Natural

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:1.0 Amp

Voltage Rating:1400V AC/DC

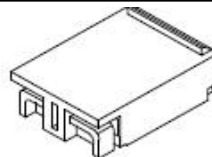
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:3800V AC/Minute



Ordering Information

A3500H-XXX-02-X
1 2 3 4 5

1:— Series No.

2:— H:Horizontal SMT Type

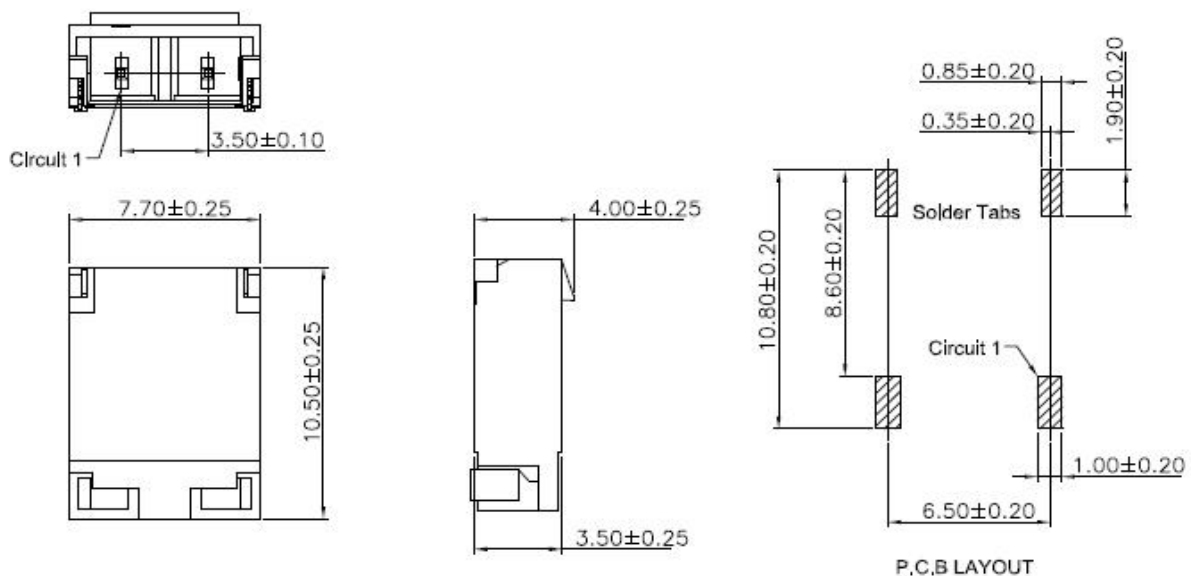
3:— No. of Positions

4:— A:Glod flash

Q: Tin Plated

5:— A:In Bag

C:In Tray



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.138" (3.50mm) Pitch Housing

Specifications:

Material And Finish:

Insulator: PA66 UL94V-0 Color: Natural

Rating:

Current Rating: 1.0 Amp

Voltage Rating: 1400V AC/DC

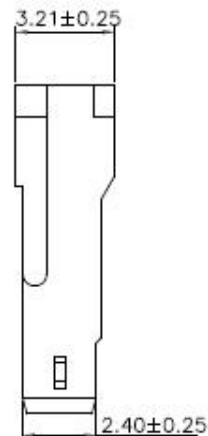
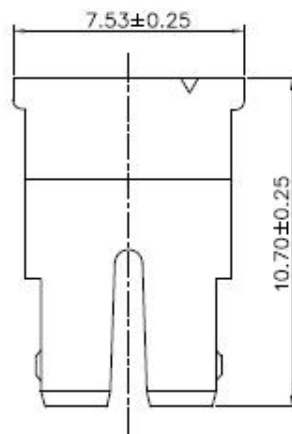
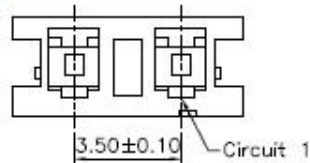
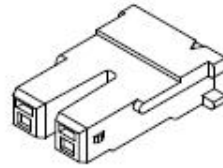
Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 3800V AC/Minute



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Ordering Information

H3500M-XXP-01-X

1 2 3 4

1:—Series No.

2:—M:Male

3:—No. of Positions

4:—A:In Bag

C:In Tray

Specifications:

Material And Finish:

Insulator: PA66 UL94V-0 Color: Natural

Rating:

Current Rating: 1.0 Amp

Voltage Rating: 1400V AC/DC

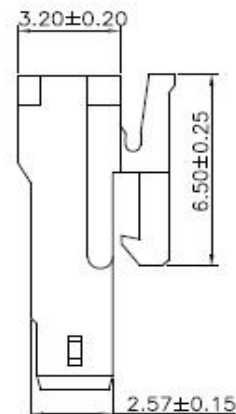
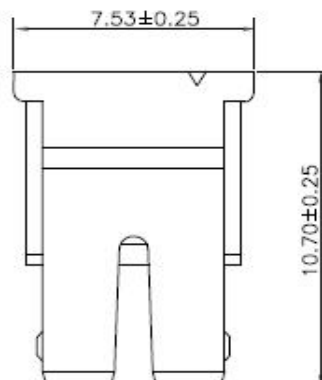
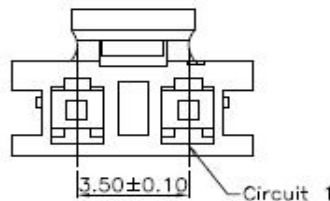
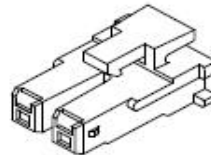
Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 3800V AC/Minute



Ordering Information

H3500M-XXP-02-X

1 2 3 4

1:—Series No.

2:—M:Male

3:—No. of Positions

4:—A:In Bag

C:In Tray

.138" (3.50mm) Pitch Housing

Specifications:

Material And Finish:

Insulator:PA66 UL94V-0 Color:Natural

Rating:

Current Rating:1.0 Amp

Voltage Rating:1400V AC/DC

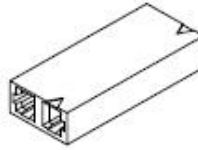
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

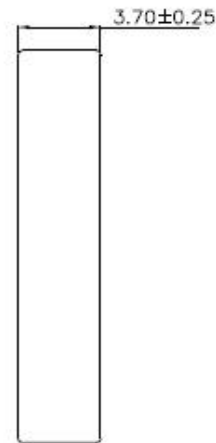
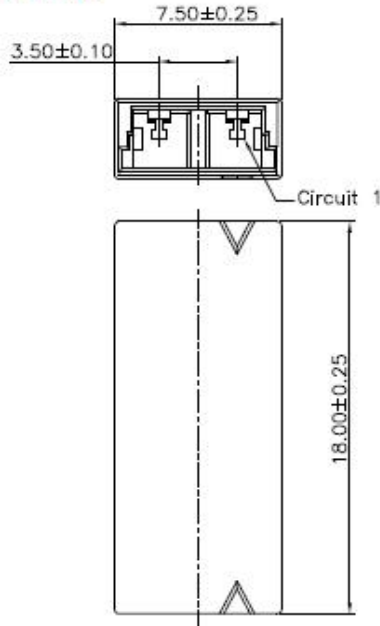
Withstanding Voltage:3800V AC/Minute



Ordering Information

H3500F-XXP-01-XX
1 2 3 4 5

- 1:— Series No.
- 2:— F:Female
- 3:— No. of Positions
- 4:— N:Natural
W:White
- 5:— A:In Bag
C:In Tray



Specifications:

Material And Finish:

Insulator:PA66 UL94V-0 Color:Natural

Rating:

Current Rating:1.0 Amp

Voltage Rating:1400V AC/DC

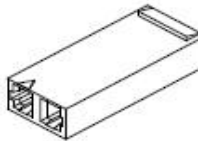
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

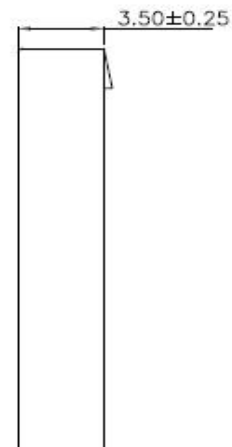
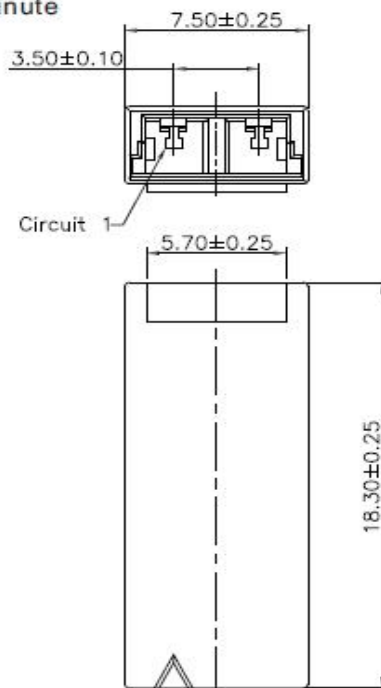
Withstanding Voltage:3800V AC/Minute



Ordering Information

H3500F-XXP-02-XX
1 2 3 4 5

- 1:— Series No.
- 2:— F:Female
- 3:— No. of Positions
- 4:— N:Natural
W:White
- 5:— A:In Bag
C:In Tray



.138" (3.50mm) Pitch SMT Wafer / Terminal

Specifications:

Material And Finish:

Insulator:PA66 UL94V-0 Color:Natural

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:1.0 Amp

Voltage Rating:1400V AC/DC

Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:3800V AC/Minute

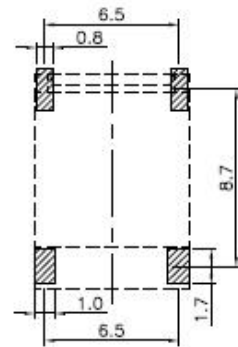
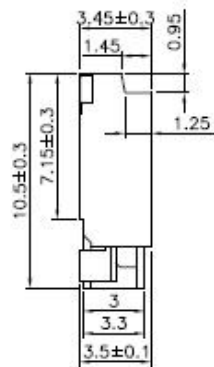
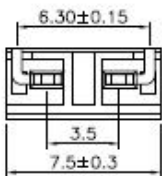
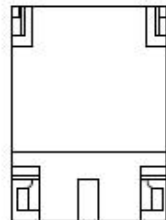
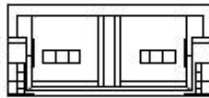


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Ordering Information

A3500M-02X-01-X
1 2 3 4 5

- 1:— Series No.
- 2:— M: SMT Type
- 3:— No. of Positions
- 4:— A: Gold Flash
Q: Matte Tin Plated
- 5:— A: In Bag
B: In Tube
C: In Tray
D: Tape & Reel



Recommended PCB Layout

Material:

Terminal: Phosphor Bronze

Wire Range: AWG#24~28

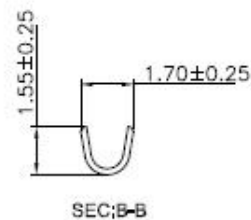
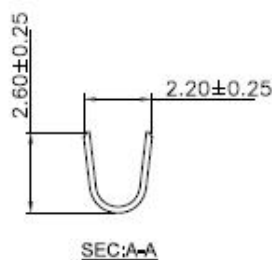
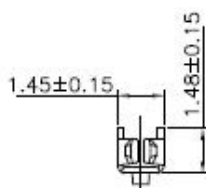
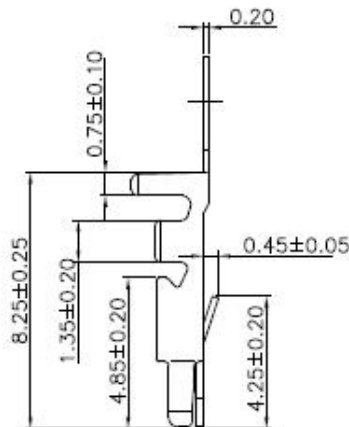
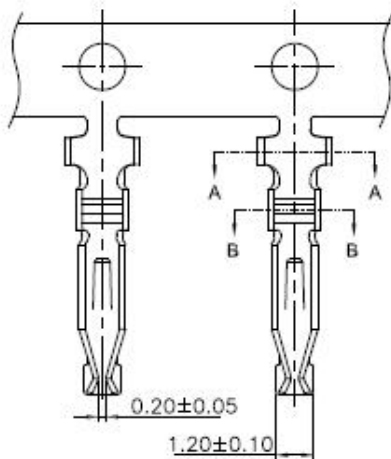
Insulation O.D.: 1.60mm/Max

Qty/Reel: 10000 pcs

Ordering Information

H3500TF-PX-01
1 23 4

- 1:— Series No.
- 2:— Terminal
- 3:— F: Female
- 4:— A: Gold flash
Q: Tin plated



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.138" (3.50mm) Pitch Terminal

Material:

Terminal: Phosphor Bronze

Wire Range: AWG#24~28

Insulation O.D.: 1.80mm/Max

Qty/Reel: 5000pcs

Ordering Information

H3500TM-PX-02

1 2 3 4

1:— Series No.

2:— Terminal

3:— M: Male

4:— A: Gold flash

Q: Tin plated

