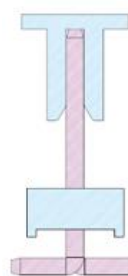
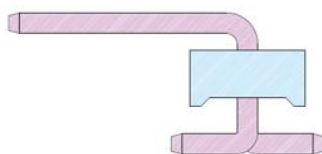
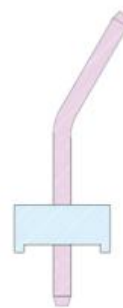
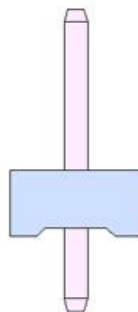
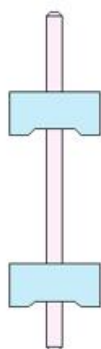
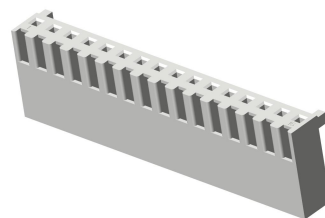


.156" (3.96mm) Pitch/Disconnectable Insulation Displacement Connectors

.156" (3.96mm) Connectors



.156" (3.96mm) Pitch 180° Wafer

Specifications:

Material And Finish:

Insulator:PBT(Thermoplastic Polyester,

Glass Filled)UL94V-0 Color:Natural

Contact:Brass

Plated:Matte Tin Plate 150u" Min Over Nickel

Rating:

Current Rating:7.0 Amp

Voltage Rating:600V AC/DC

Operating Temperature Range:-55°~+105°C

Electrical:

Contact resistance:10m Ohm Max

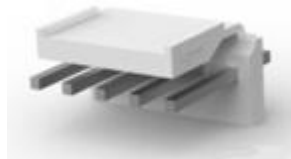
Insulator resistance:5000M ohm min.

Withstanding Voltage:2200V AC/Minute

Dielectric strength:1250VAC for one minute

Post Withstands 13.5N Min Axial Force

In Either Direction Without Dislodging.

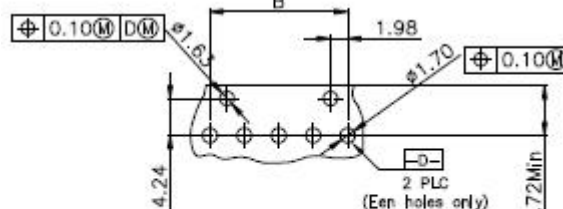
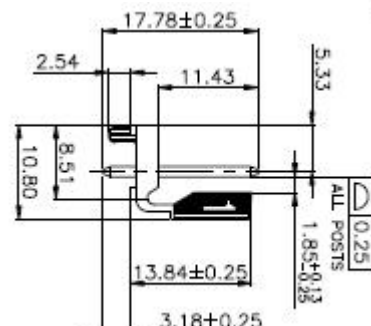
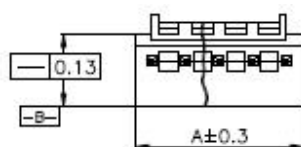
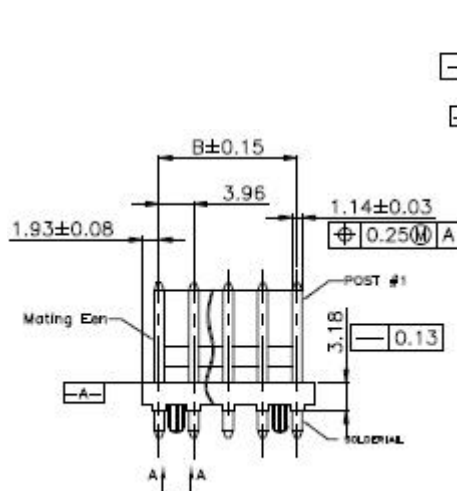


Ordering Information

A3964AS-XXS-01-A

1 2 3 4 5

- 1:—Series No.
- 2:—S:Straight Type
- 3:—No. of Positions
- 4:—S:Matte Tin Plated
- 5:—A:In Bag



Recommended Mounting Hole Pattern
for 1.57 thick P.C.Board
(Viewed from solder side)

Circuits	Dimension mm	
	A	B
02	7.8	3.96
03	11.76	7.92
04	15.72	11.88
05	19.69	15.84
06	23.65	19.80
07	27.61	23.76
08	31.57	27.72
09	35.53	31.68
10	39.50	35.64
11	43.46	39.60
12	47.42	43.56
13	51.38	47.52
14	55.35	51.48
15	59.31	55.44
16	63.27	59.40
17	67.23	63.36
18	71.20	67.23

Specifications:

Material And Finish:

Insulator:PA46 UL94V-0 Color:Black

Contact:Brass

Plated:Matte Tin Plate 150u" Min Over Nickel

Rating:

Current Rating:7.0 Amp

Voltage Rating:600V AC/DC

Operating Temperature Range:-55°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:5000M ohm min.

Withstanding Voltage:2200V AC/Minute

Dielectric strength:1250VAC for one minute

Post Withstands 13.5N Min Axial Force

In Either Direction Without Dislodging.

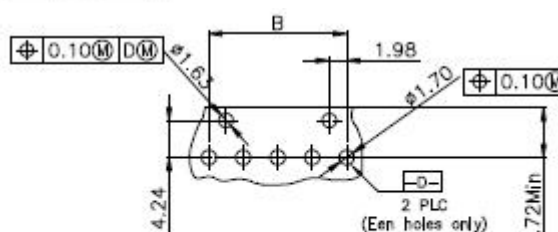
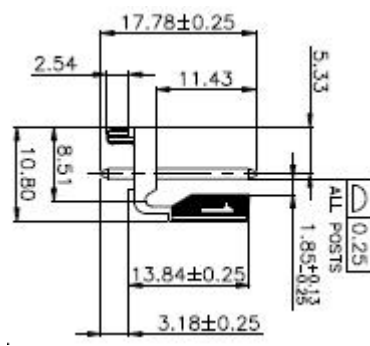
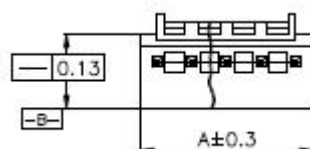
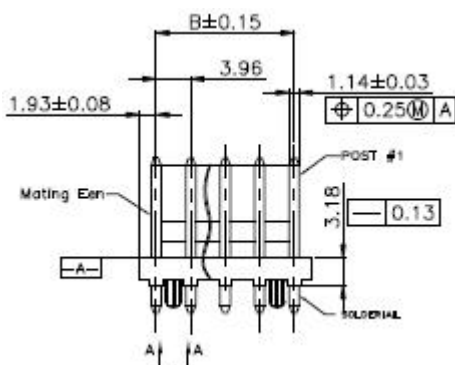


Ordering Information

A3964AS-XXS-01-A-1

1 2 3 4 5

- 1:—Series No.
- 2:—S:Straight Type
- 3:—No. of Positions
- 4:—S:Matte Tin Plated
- 5:—A:In Bag



Recommended Mounting Hole Pattern
for 1.57 thick P.C.Board
(Viewed from solder side)

Circuits	Dimension mm	
	A	B
02	7.8	3.96
03	11.76	7.92
04	15.72	11.88
05	19.69	15.84
06	23.65	19.80
07	27.61	23.76
08	31.57	27.72
09	35.53	31.68
10	39.50	35.64
11	43.46	39.60
12	47.42	43.56
13	51.38	47.52
14	55.35	51.48
15	59.31	55.44
16	63.27	59.40
17	67.23	63.36
18	71.20	67.23

.156" (3.96mm) Pitch 180° Wafer

Specifications:

Material And Finish:

Insulator: PA66 UL94V-0

Contact: Brass

Plated: See Ordering Information

Rating:

Current Rating: 6.0 Amp (18AWG)

Voltage Rating: 250V AC/DC

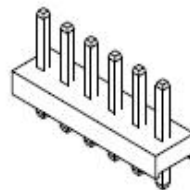
Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

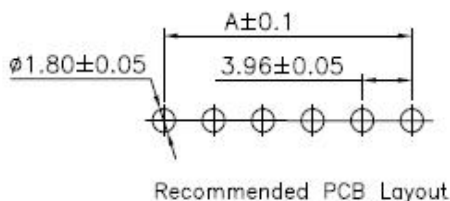
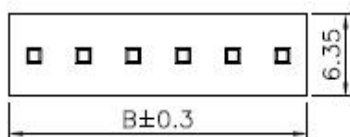
Withstanding Voltage: 2000V AC/Minute



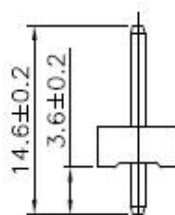
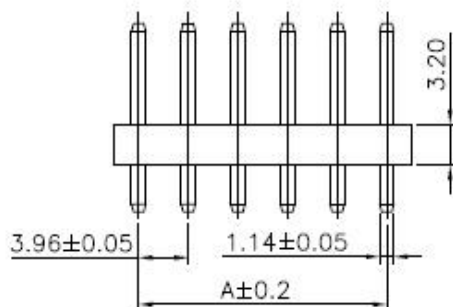
Ordering Information

A3964S-XXX-01-A

- 1:—Series No.
- 2:—S: Straight Type
- 3:—No. of Positions
- 4:—A: Gold Flash
Q: Tin Plated
- 5:—A: In Bag



Circuits	Dimension mm	
	A	B
01		3.96
02	3.96	7.92
03	7.92	11.88
04	11.88	15.84
05	15.84	19.80
06	19.80	23.76
07	23.76	27.72
08	27.72	31.68
09	31.68	35.64
10	35.64	39.60



Specifications:

Material And Finish:

Insulator: Nylon66

Contact: Brass

Plated: See Ordering Information

Rating:

Current Rating: 6.0 Amp (18AWG)

Voltage Rating: 250V AC/DC

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

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

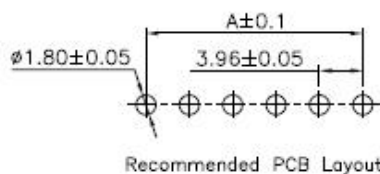
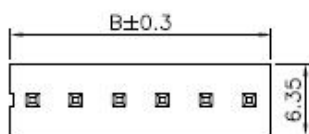
Withstanding Voltage: 2000V AC/Minute



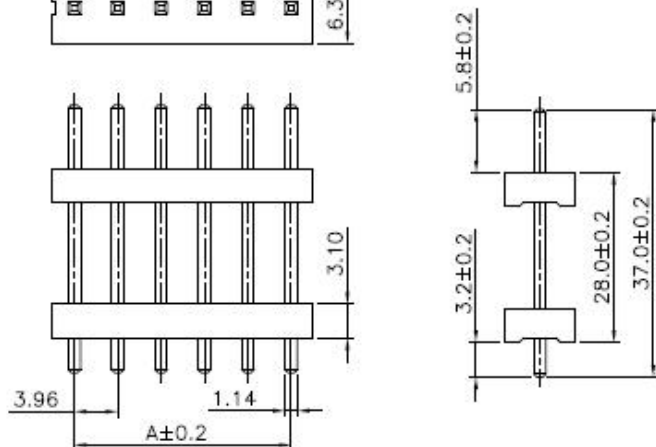
Ordering Information

A3964SD-XXX-01-A

- 1:—Series No.
- 2:—S: Straight Type
- 3:—D: Single row double plastic
- 4:—No. of Positions
- 5:—A: Gold Flash
Q: Tin Plated
- 6:—A: In Bag



Circuits	Dimension mm	
	A	B
02	3.96	7.92
03	7.92	11.88
04	11.88	15.84
05	15.84	19.80
06	19.80	23.76
07	23.76	27.72
08	27.72	31.68
09	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52
13	47.52	51.48
14	51.48	55.44
15	55.44	59.40
16	59.40	63.36
17	63.36	67.32
18	67.32	71.28
19	71.28	75.24
20	75.24	79.20



.156" (3.96mm) Pitch 90° / SMT Wafer

Specifications:

Material And Finish:

Insulator:Nylon 66 UL94V-0

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:6.0 Amp(18AWG)

Voltage Rating:250V AC/DC

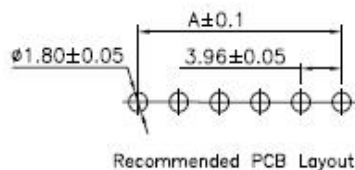
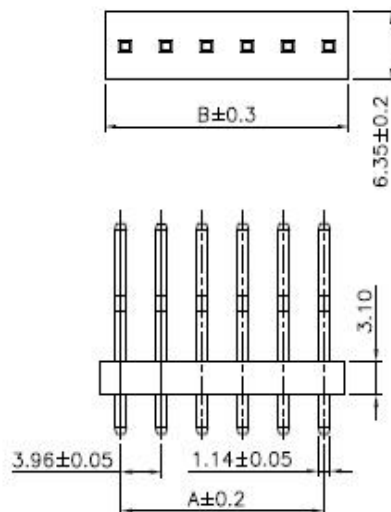
Operating Temperature Range:-40°~+105°C

Electrical:

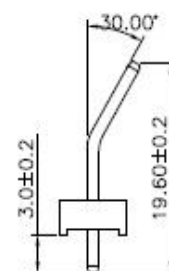
Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:2000V AC/Minute



Recommended PCB Layout



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Ordering Information

A3964R-XXX-02-A

1 2 3 4 5

1:—Series No.

2:—R:R/A Type

3:—No. of Positions

4:—A:Gold Flash

Q: Tin Plated

5:—A: In Bag

Circuits	Dimension mm	
	A	B
01	3.96	3.96
02	3.96	7.92
03	7.92	11.88
04	11.88	15.84
05	15.84	19.80
06	19.80	23.76
07	23.76	27.72
08	27.72	31.68
09	31.68	35.64
10	35.64	39.60

Specifications:

Material And Finish:

Insulator:Nylon 6T UL94V-0

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:6.0 Amp(18AWG)

Voltage Rating:250V AC/DC

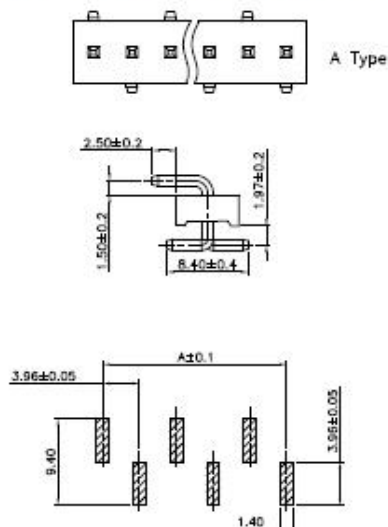
Operating Temperature Range:-40°~+105°C

Electrical:

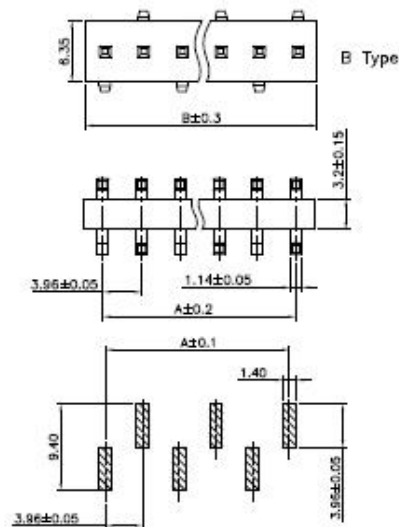
Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:2000V AC/Minute



Recommended PCB Layout A Type



Recommended PCB Layout B Type

Ordering Information

A3964RM-XXX-01-XX

1 2 3 4 5 6 7

1:—Series No.

2:—R:R/A Type

3:—M:SMT Type

4:—No. of Positions

5:—A:Gold Flash

Q: Tin Plated

6:—A:A Type

B:B Type

7:—B: In Tube

G: In Tape&Reel

Circuits	Dimension mm	
	A	B
02	3.96	7.92
03	7.92	11.88
04	11.88	15.84
05	15.84	19.80
06	19.80	23.76
07	23.76	27.72
08	27.72	31.68
09	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52
14	51.48	55.44
16	59.40	63.36
18	67.32	71.28
20	75.24	79.20

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.156" (3.96mm) Pitch SMT Wafer

Specifications:

Material And Finish:

Insulator:Nylon 6T UL94V-0

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:6.0 Amp(18AWG)

Voltage Rating:250V AC/DC

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

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:2000V AC/Minute

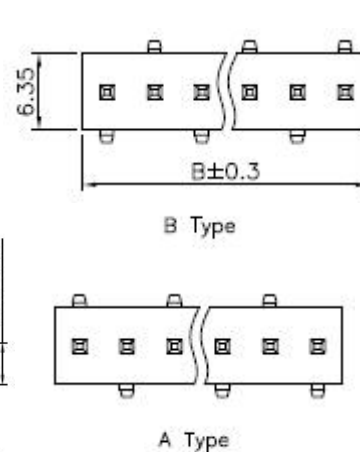
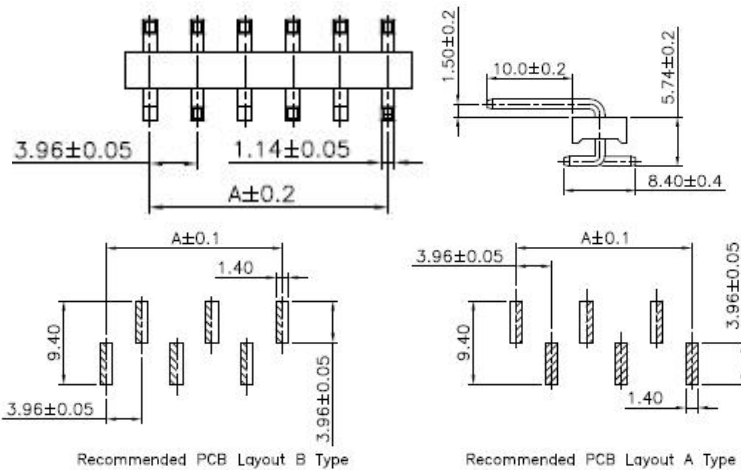
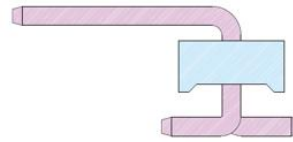
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Ordering Information

A3964RM-XXX-02-XX

1 23 45 67

- 1:— Series No.
- 2:— R:R/A Type
- 3:— M:SMT Type
- 4:— No. of Positions
- 5:— A:Gold Flash
Q:Tin Plated
- 6:— A:A Type
B:B Type
- 7:— B:In Tube
G:In Tape&Reel



Circuits	Dimension mm	
	A	B
02	3.96	7.92
03	7.92	11.88
04	11.88	15.84
05	15.84	19.80
06	19.80	23.76
07	23.76	27.72
08	27.72	31.68
09	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52
14	51.48	55.44
16	59.40	63.36
18	67.32	71.28
20	75.24	79.20

Specifications:

Material And Finish:

Insulator:Nylon 6T UL94V-0

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:6.0 Amp(18AWG)

Voltage Rating:250V AC/DC

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

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

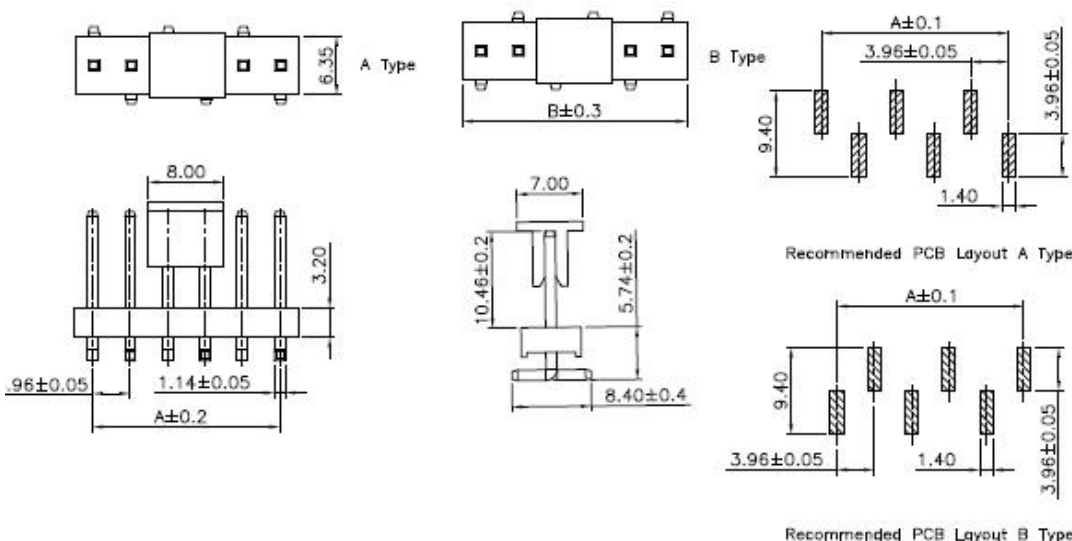
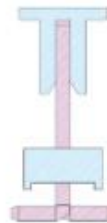
Withstanding Voltage:2000V AC/Minute

Ordering Information

A3964M-XXX-01-XX

1 2 3 4 56

- 1:— Series No.
- 2:— M:SMT Type
- 3:— No. of Positions
- 4:— A:Gold Flash
Q:Tin Plated
- 5:— A:A Type
B:B Type
- 6:— B:In Tube
E:W/Cap In Tube
F:W/Cap In Tape
&Reel



Circuits	Dimension mm	
	A	B
02	3.96	7.92
03	7.92	11.88
04	11.88	15.84
05	15.84	19.80
06	19.80	23.76
07	23.76	27.72
08	27.72	31.68
09	31.68	35.64
10	35.64	39.60

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.156" (3.96mm) Pitch Housing

Specifications:

Material And Finish:

Insulator:PA66 UL94V-0 Color:White

Rating:

Current Rating:6.0 Amp(18AWG)

Voltage Rating:250V AC/DC

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

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:2000V AC/Minute

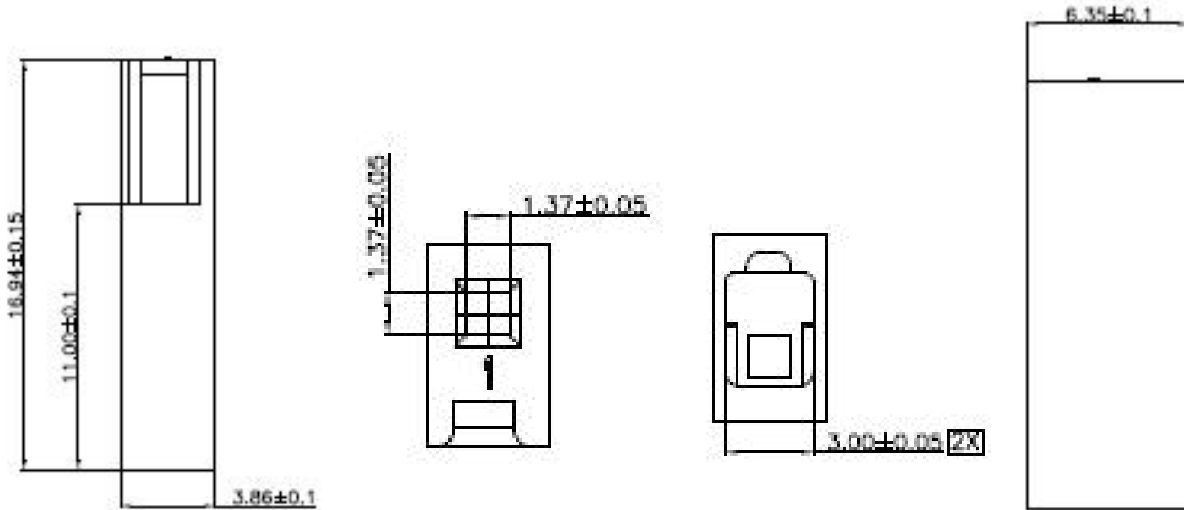
Ordering Information

H3964-XX-A
1 2 3

1:— Series No.

2:— No. of Positions

3:— A:In Bag



Specifications:

Material And Finish:

Insulator:PA66 UL94V-0 Color: Natural

Rating:

Current Rating:6.0 Amp(18AWG)

Voltage Rating:250V AC/DC

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

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:2000V AC/Minute

Ordering Information

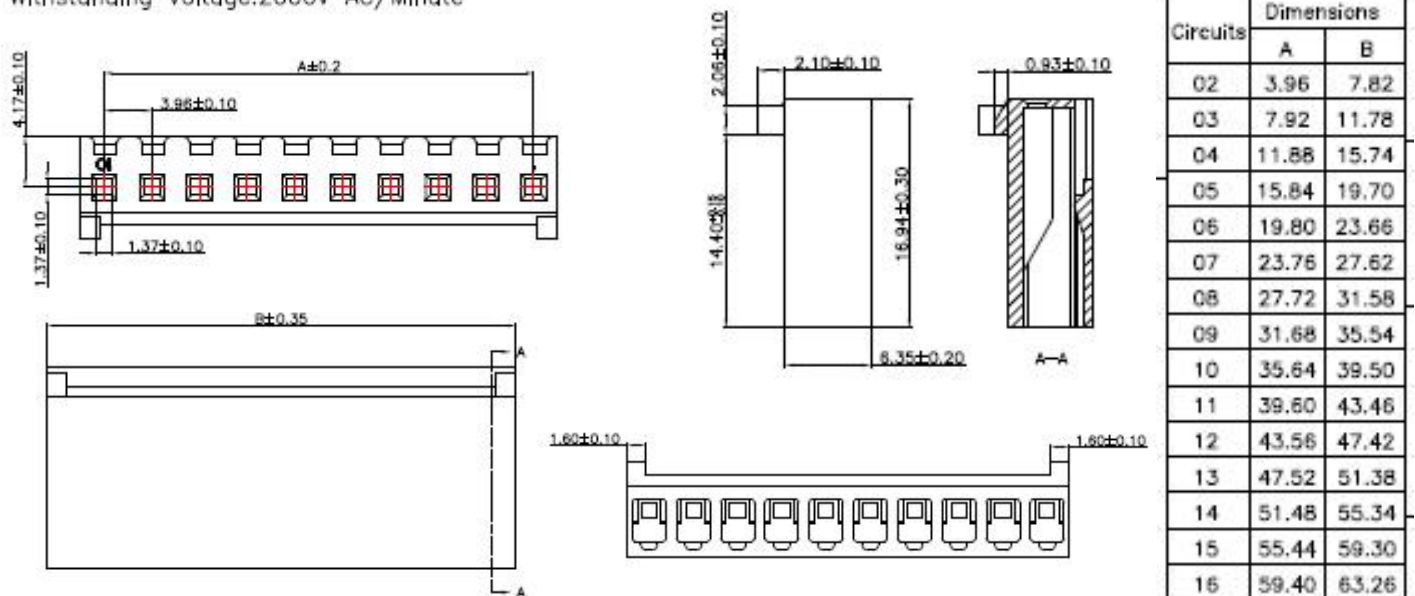
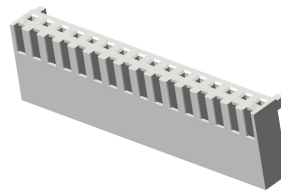
H3964-XX-XX-A
1 2 3 4

1:— Series No.

2:— No. of Positions

3:— 01:without buckle
02:with buckle

4:— A:In bag



.156" (3.96mm) Pitch Terminal

HJBRIGHT®

Note:
Material : Phosphor Bronze
Plating : Tin plated 30~50u" overall 80~120u"
Wire Range:AWG #18-#22



Ordering Information
H3964T-PQ
1 2 3

1:— Series No.
2:— T:Terminal
3:— Q: Tin Plated

