

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

.138"(3.50mm) Connectors



.138" (3.50mm) Pitch 180° Wafer

Specifications:

Material And Finish:

Insulator:LCP UL94V-0

Contact:Copper Alloy

Rating:

Current Rating:14 Amp(16AWG)

Voltage Rating:400V AC/DC

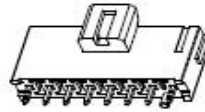
Operating Temperature Range:-40°C~+125°C

Electrical:

Contact resistance:5m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1800V AC/Minute



Ordering Information

A3506S-XXX-XX-X
1 2 3 4 5 6

1:—Series No.

2:—S: Straight Type

3:—No. of Positions

4:—Q: Tin Plated

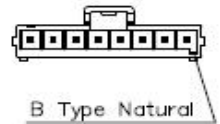
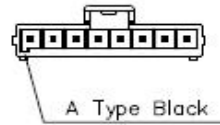
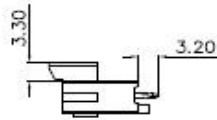
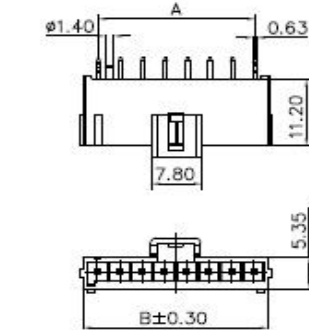
S: Matte Tin Plated

5:—01: A Type Black

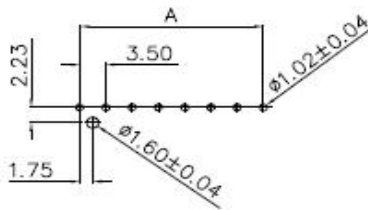
02: B Type Natural

6:—A: In Bag

C: In Tray



No.	Dimension mm	
	A	B
2	3.50	8.00
3	7.00	11.50
4	10.50	15.00
5	14.00	18.50
6	17.50	22.00
7	21.00	25.50
8	24.50	29.00
12	38.50	43.00



PCB Layout

Specifications:

Material And Finish:

Insulator:LCP UL94V-0

Contact:Copper Alloy

Rating:

Current Rating:14 Amp(16AWG)

Voltage Rating:400V AC/DC

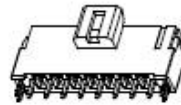
Operating Temperature Range:-40°C~+125°C

Electrical:

Contact resistance:5m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1800V AC/Minute



Ordering Information

A3506S-XXX-XX-YX
1 2 3 4 5 6 7

1:—Series No.

2:—S: Straight Type

3:—No. of Positions

4:—Q: Tin Plated

S: Matte Tin Plated

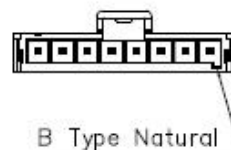
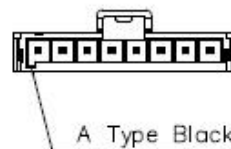
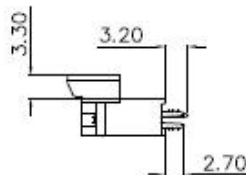
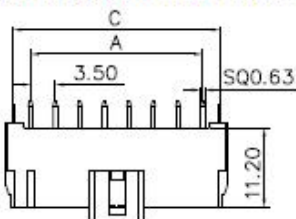
5:—01: A Type Black

02: B Type Natural

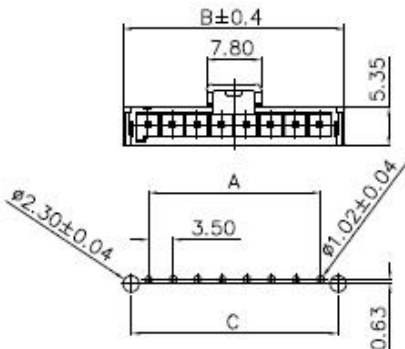
6:—Y: With Fish fork

7:—A: In Bag

C: In Tray



No.	Dimension mm		
	A	B	C
2	3.50	10.60	8.50
3	7.00	14.10	12.00
4	10.50	17.60	15.50
5	14.00	21.10	19.00
6	17.50	24.60	22.50
7	21.00	28.10	26.00
8	24.50	31.60	29.50
12	38.50	45.60	43.50



PCB Layout

.138" (3.50mm) Pitch 90° Wafer / Housing

Specifications:

Material And Finish:

Insulator: LCP UL94V-0

Contact: Copper Alloy

Rating:

Current Rating: 14 Amp (16AWG)

Voltage Rating: 400V AC/DC

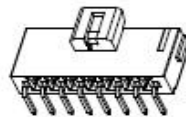
Operating Temperature Range: -40°C~+125°C

Electrical:

Contact resistance: 15m Ohm Max

Insulator resistance: 1000M ohm min.

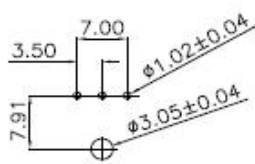
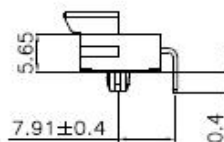
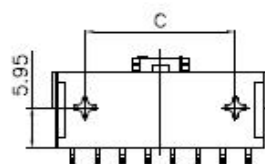
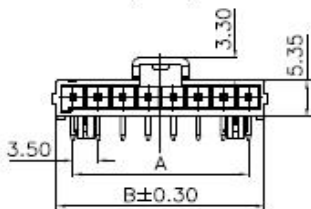
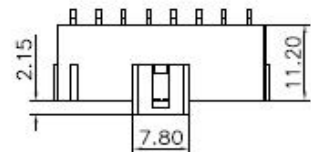
Withstanding Voltage: 1800V AC/Minute



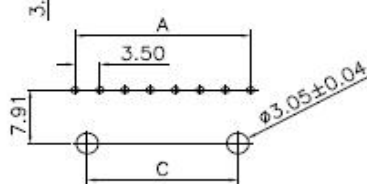
Ordering Information

A3506R-XXX-XX-X
1 2 3 4 5 6

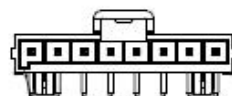
- 1:—Series No.
- 2:—R: R/A Type
- 3:—No. of Positions
- 4:—Q: Tin Plated
S: Matte Tin Plated
- 5:—01: A Type Black
02: B Type Natural
- 6:—A: In Bag
C: In Tray



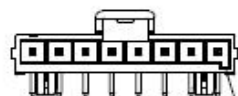
PCB Layout (2~3P)



PCB Layout (4~12P)



A Type Black



B Type Natural

No.	Dimension mm		
	A	B	C
2	3.50	8.00	
3	7.00	11.50	
4	10.50	15.00	7.00
5	14.00	18.50	10.50
6	17.50	22.00	14.00
7	21.00	25.50	17.50
8	24.50	29.00	21.00
12	38.00	43.00	35.00

Specifications:

Material And Finish:

Insulator: Nylon UL94V-0

Rating:

Current Rating: 14 Amp (16AWG)

Voltage Rating: 400V AC/DC

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

Electrical:

Contact resistance: 5m Ohm Max

Insulator resistance: 1000M ohm min.

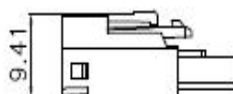
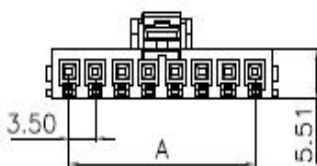
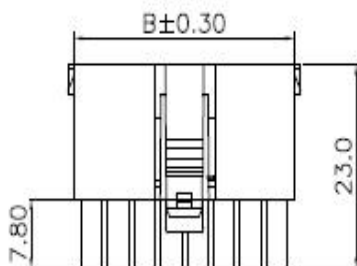
Withstanding Voltage: 1800V AC/Minute



Ordering Information

H3506-XXP-XX-XA
1 2 3 4 5

- 1:—Series No.
- 2:—No. of Positions
- 3:—01: A Type Black
02: B Type Natural
- 4:—S: Standard Type
T: TPA Type
- 5:—A: In Bag



No.	Dimension mm	
	A	B
2	3.50	8.00
3	7.00	11.50
4	10.50	15.00
5	14.00	18.50
6	17.50	22.00
7	21.00	25.50
8	24.50	29.00
12	38.50	43.00

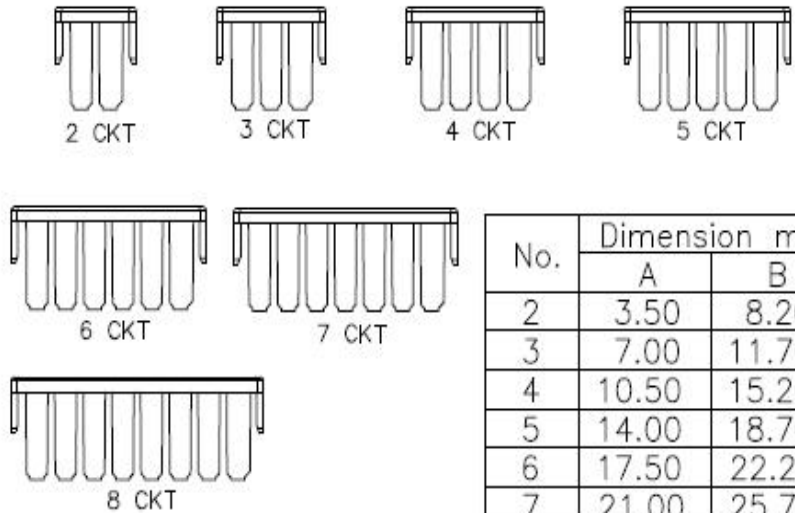
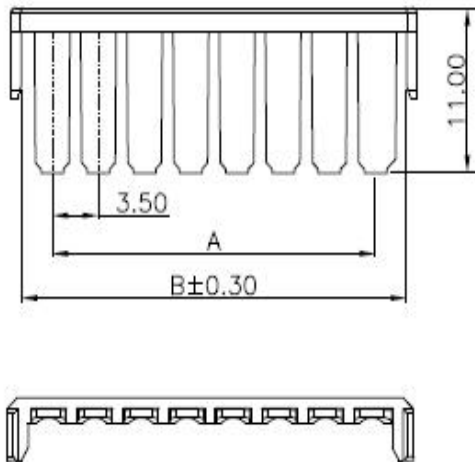
.138" (3.50mm) Pitch Housing / Terminal

Specifications:
Material And Finish:
Insulator:Nylon66 UL94V-0
Rating:
Operating Temperature Range:-40°C~+105°C



Ordering Information
H3506-XXK-XX-A
1 2 3 4

1:—Series No.
2:—No. of Positions
3:—01: A Type Black
02: B Type Natural
4:—A:In Bag



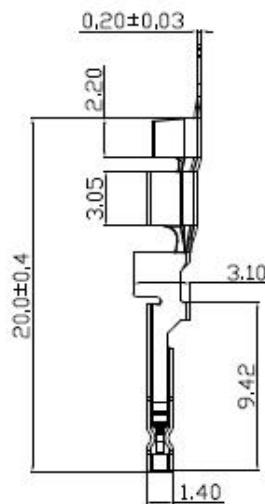
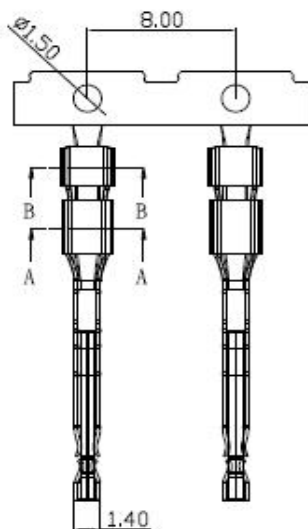
No.	Dimension mm	
	A	B
2	3.50	8.20
3	7.00	11.70
4	10.50	15.20
5	14.00	18.70
6	17.50	22.20
7	21.00	25.70
8	24.50	29.20

Specifications:
Material And Finish:
Contact:Copper alloy
Rating:
Current Rating:14 Amp(16AWG)
Voltage Rating:400V AC/DC
Operating Temperature Range:-40°~+105°C
Electrical:
Contact resistance:5m Ohm Max
Insulator resistance:1000M Ohm min.
Withstanding Voltage:1800V AC/Minute
Wire Range:AWG#16~#22



Ordering Information
H3506T-PQ-XX
1 2 3 4

1:—Series No.
2:—T:Terminal
3:—Q: Tin Plated
4:—01:#16~#18 AWG
02:#20~#22 AWG



	Wire range	A	B	C	D
01	#20~#22	2.20	2.20	2.10	2.33
02	#16~#18	2.80	2.80	2.63	2.90

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