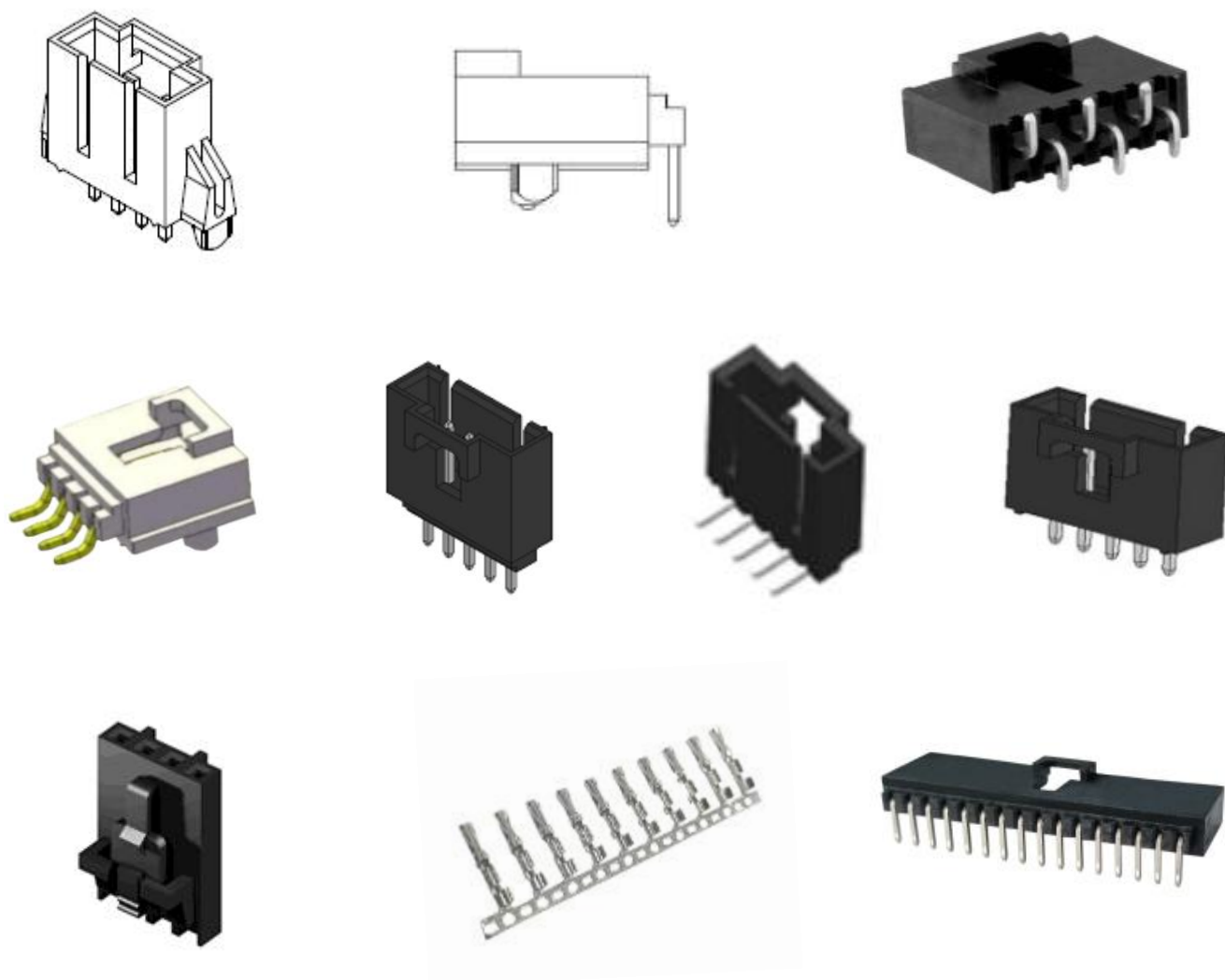


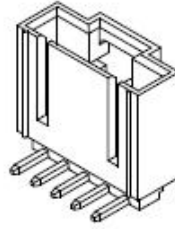
.100"(2.54mm) Pitch/Disconnectable Insulation Displacement Connectors

.100"(2.54mm) Connectors



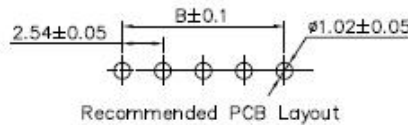
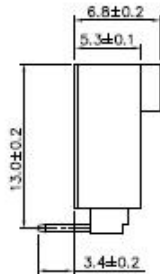
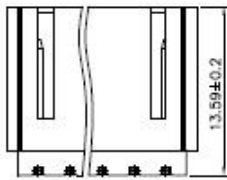
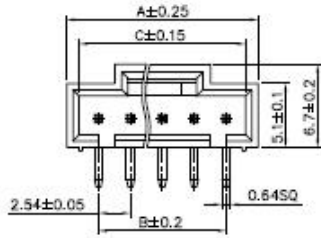
.100" (2.54mm) Pitch 90° Wafer

Specifications:
 Material And Finish:
 Insulator: PBT/PA66 UL94V-0
 Contact: Brass
 Plated: See Ordering Information
 Rating:
 Current Rating: 3.0 Amp (22AWG)
 Voltage Rating: 250V AC/DC
 Operating Temperature Range: -40°~+105°C
 Electrical:
 Contact resistance: 20m Ohm Max
 Insulator resistance: 1000M ohm min.
 Withstanding Voltage: 600V AC/Minute



Ordering Information
 A2541R-XXX-01-XXX
 1 2 3 4 5 6 7

- 1:— Series No.
- 2:— R: R/A Type
- 3:— No. of Positions
- 4:— A: Gold Flash
H: Selective Gold Plated
Q: Tin Plated
- 5:— P: PBT
L: PA66
- 6:— B: Black
N: Natural
G: Gray
- 7:— A: In Bag
B: In Tube
C: In Tray



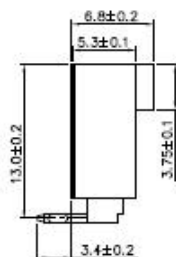
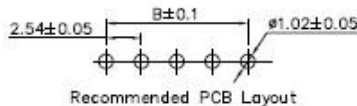
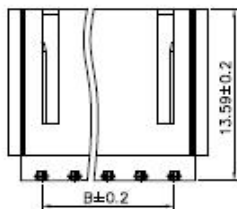
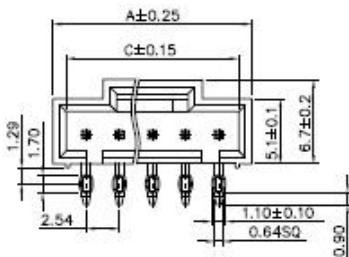
Circuits	Dimension mm		
	A	B	C
02	7.62	2.54	5.56
03	10.16	5.08	8.10
04	12.70	7.62	10.64
05	15.24	10.16	13.18
06	17.78	12.70	15.72
07	20.32	15.24	18.26
08	22.86	17.78	20.80
09	25.40	20.32	23.34
10	27.94	22.86	25.88
11	30.48	25.40	28.42
12	33.02	27.94	30.96
13	35.56	30.48	33.50

Specifications:
 Material And Finish:
 Insulator: PA6T UL94V-0
 Contact: Brass
 Plated: See Ordering Information
 Rating:
 Current Rating: 3.0 Amp (22AWG)
 Voltage Rating: 250V AC/DC
 Operating Temperature Range: -40°~+105°C
 Electrical:
 Contact resistance: 20m Ohm Max
 Insulator resistance: 1000M ohm min.
 Withstanding Voltage: 1000V AC/Minute



Ordering Information
 A2541R-XXX-04-YXX
 1 2 3 4 5 6 7

- 1:— Series No.
- 2:— R: R/A Type
- 3:— No. of Positions
- 4:— A: Gold Flash
H: Selective Gold Plated
Q: Tin Plated
S: Matte Tin Plated
- 5:— Y: Press Fit
- 6:— B: Black
N: Natural
G: Gray
- 7:— A: In Bag
B: In Tube
C: In Tray



Circuits	Dimension mm		
	A	B	C
02	7.62	2.54	5.56
03	10.16	5.08	8.10
04	12.70	7.62	10.64
05	15.24	10.16	13.18
06	17.78	12.70	15.72
07	20.32	15.24	18.26
08	22.86	17.78	20.80
09	25.40	20.32	23.34
10	27.94	22.86	25.88
11	30.48	25.40	28.42
12	33.02	27.94	30.96
13	35.56	30.48	33.50

.100" (2.54mm) Pitch 90° / 180° Wafer

Specifications:

Material And Finish:

Insulator: Nylon 66 UL94V-0 Color: Black

Contact: Copper Alloy

Plated: See Ordering Information

Rating:

Current Rating: 3.0 Amp(22AWG)

Voltage Rating: 250V AC/DC

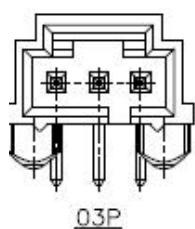
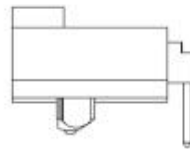
Operating Temperature Range: -40°C~+105°C

Electrical:

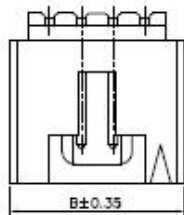
Contact resistance: 20m Ohm Max

Insulator resistance: 1000M ohm min.

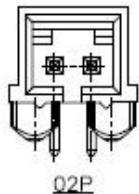
Withstanding Voltage: 600V AC/Minute



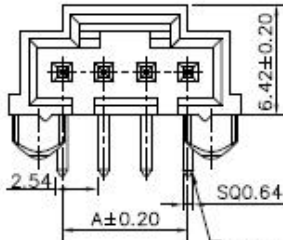
03P



B±0.35



02P



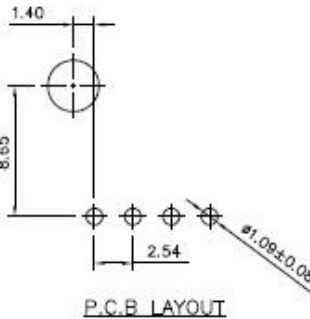
6.42±0.20

2.54±0.10

A±0.20

S00.64

Circuit 1



P.C.B. LAYOUT

Ø3.40±0.05 DIA. THRU HOLE-2 PLCS.
(.134±.002) FOR PCB RETENTION
Ø3.63±0.05 DIA. THRU HOLE-2 PLCS.
(.143±.002) FOR LOCATION ONLY

Poles	Dimensions(mm)	
	A	B
02P	2.54	8.89
03P	5.08	11.43
04P	7.62	13.97
05P	10.16	16.51
06P	12.70	19.05
07P	15.24	21.59
08P	17.78	24.13
09P	20.32	26.67
10P	22.86	29.21
11P	25.40	31.75
12P	27.94	34.29

Specifications:

Material And Finish:

Insulator: PBT UL94V-0

Contact: Brass

Plated: See Ordering Information

Rating:

Current Rating: 3.0 Amp(22AWG)

Voltage Rating: 250V AC/DC

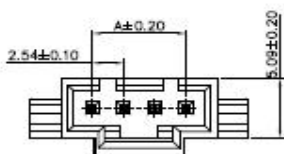
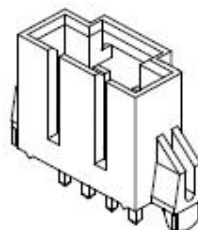
Operating Temperature Range: -40°C~+105°C

Electrical:

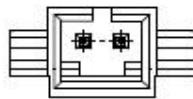
Contact resistance: 20m Ohm Max

Insulator resistance: 1000M ohm min.

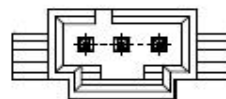
Withstanding Voltage: 600V AC/Minute



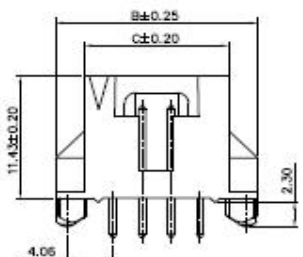
02P



02P

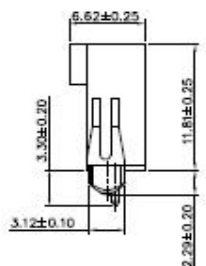


03P



11.43±0.20

4.06

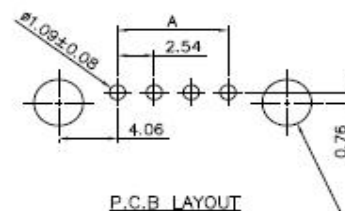


6.62±0.25

3.30±0.20

3.12±0.10

2.29±0.20



P.C.B. LAYOUT

Ø3.40±0.05 DIA. THRU HOLE-2 PLCS.
(.134±.002) FOR PCB RETENTION
Ø3.63±0.05 DIA. THRU HOLE-2 PLCS.
(.143±.002) FOR LOCATION ONLY

No.	Dimension(mm)		
	A	B	C
02P	2.54	12.63	7.63
03P	5.08	15.17	10.17
04P	7.62	17.71	12.71
05P	10.16	20.25	15.25
06P	12.70	22.79	17.79
07P	15.24	25.33	20.33
08P	17.78	27.87	22.87
09P	20.32	30.41	25.41
10P	22.86	32.95	27.95
11P	25.40	35.49	30.49
12P	27.94	38.03	33.03

Ordering Information

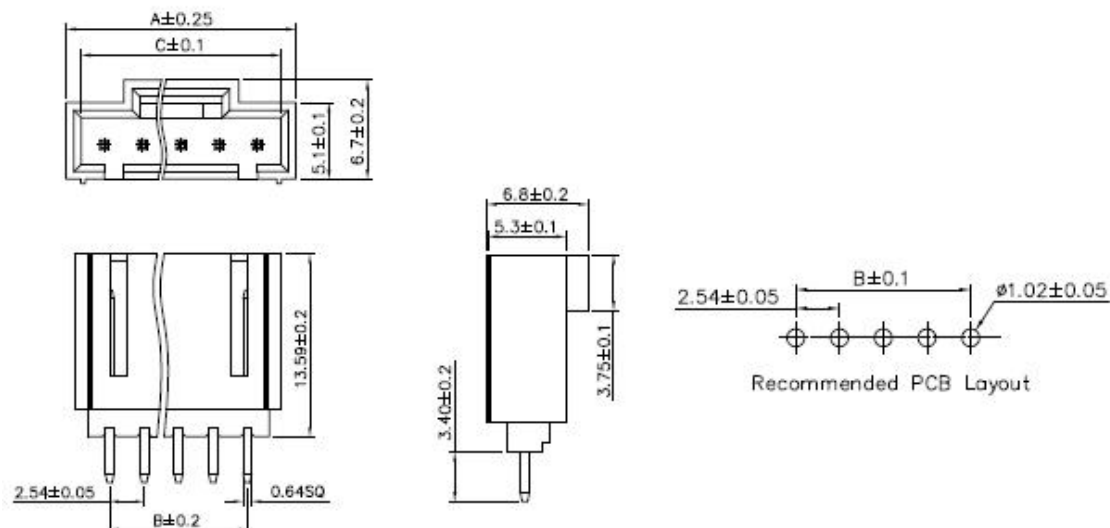
A2541S-XXX-03-XX

1 2 3 4 56

- 1:—Series No.
- 2:—S: Straight Type
- 3:—No. of Positions
- 4:—A: Gold Flash
H: Selective Gold Plated
Q: Tin Plated
- 5:—B: Black
N: Natural
- 6:—A: In Bag
B: In Tube
C: In Tray

.100" (2.54mm) Pitch 180° Wafer

Specifications:
 Material And Finish:
 Insulator:PBT UL94V-0
 Contact:Brass
 Plated:See Ordering Information
 Rating:
 Current Rating:3.0 Amp(22AWG)
 Voltage Rating:250V AC/DC
 Operating Temperature Range:-40°~+105°C
 Electrical:
 Contact resistance:20m Ohm Max
 Insulator resistance:1000M ohm min.
 Withstanding Voltage:600V AC/Minute

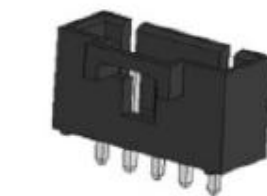


Ordering Information
 A2541S-XXX-01-XX
 1 2 3 4 5 6

- 1:—Series No.
 2:—S: Straight Type
 3:—No. of Positions
 4:—A: Gold Flash
 H: Selective Gold Plated
 Q: Tin Plated
 5:—B: Black
 W: White
 G: Gray
 6:—A: In Bag
 B: In Tube
 C: In Tray

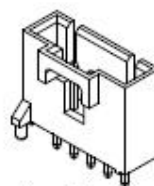
Circuits	Dimension mm		
	A	B	C
02	7.62	2.54	5.56
03	10.16	5.08	8.10
04	12.70	7.62	10.64
05	15.24	10.16	13.18
06	17.78	12.70	15.72
07	20.32	15.24	18.26
08	22.86	17.78	20.80
09	25.40	20.32	23.34
10	27.94	22.86	25.88
11	30.48	25.40	28.42
12	33.02	27.94	30.96
13	35.56	30.48	33.50

Specifications:
 Material And Finish:
 Insulator:PBT UL94V-0 Color:Black
 Contact:Brass
 Plated:See Ordering Information
 Rating:
 Current Rating:3.0 Amp(22AWG)
 Voltage Rating:250V AC/DC
 Operating Temperature Range:-40°~+105°C
 Electrical:
 Contact resistance:20m Ohm Max
 Insulator resistance:1000M ohm min.
 Withstanding Voltage:600V AC/Minute

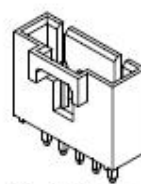


Ordering Information
 A2541S-XXX-02-XX
 1 2 3 4 5 6

- 1:—Series No.
 2:—S: Straight Type
 3:—No. of Positions
 4:—A: Gold Flash
 H: Selective Gold Plated
 Q: Tin Plated
 5:—A: A Type
 B: B Type
 6:—A: In Bag
 B: In Tube
 C: In Tray

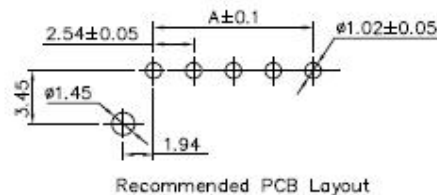


A Type



B Type

NO	Dimension(mm)		
	A	B	C
02	2.54	5.62	7.62
03	5.08	8.16	10.16
04	7.62	10.70	12.70
05	10.16	13.24	15.24
06	12.70	15.78	17.78



.100" (2.54mm) Pitch SMT Wafer

Specifications:

Material And Finish:

Insulator:PA6T UL94V-0

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:3.0 Amp(22AWG)

Voltage Rating:250V AC/DC

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

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:600V AC/Minute

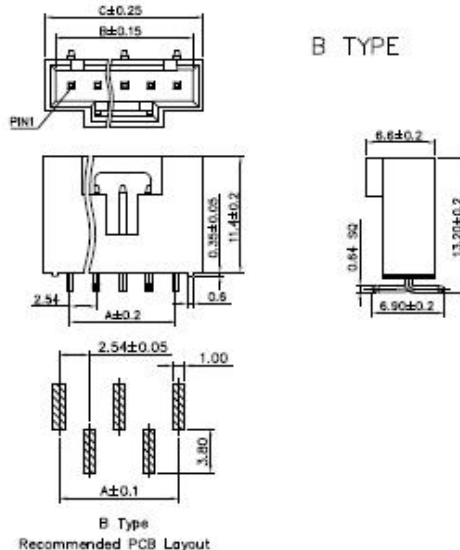
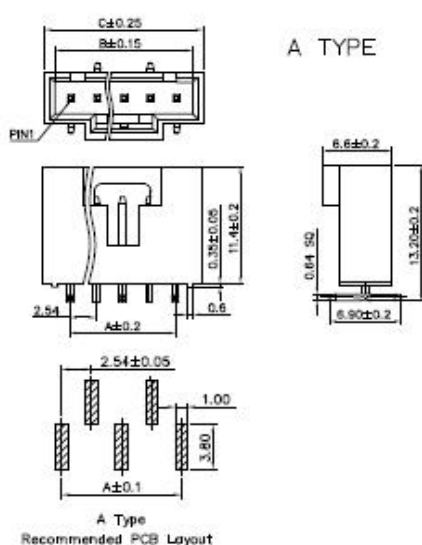


HJBRIGHT®

Ordering Information

A2541M-XXX-02-XXX
1 2 3 4 5 6 7

- 1:—Series No.
- 2:—M:SMT Type
- 3:—No. of Positions
- 4:—A:Gold Flash
H:Selective Gold Plated
Q:Tin Plated
- 5:—Layout type
A:A Type
B:B Type
- 6:—B:Black
W:White
G:Gray
- 7:—A:In Bag
B:In Tube
C:In Tray



Circuits	Dimension mm		
	A	B	C
02	2.54	5.62	7.62
03	5.08	8.16	10.16
04	7.62	10.70	12.70
05	10.16	13.24	15.24
06	15.24	15.78	17.78

Specifications:

Material And Finish:

Insulator:PA6T UL9V-0 Color:Black

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:3.0 Amp(22AWG)

Voltage Rating:250V AC/DC

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

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

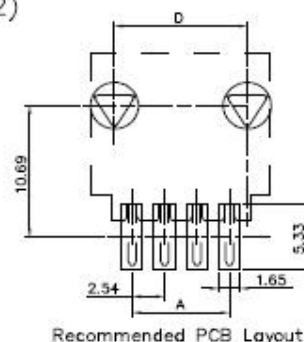
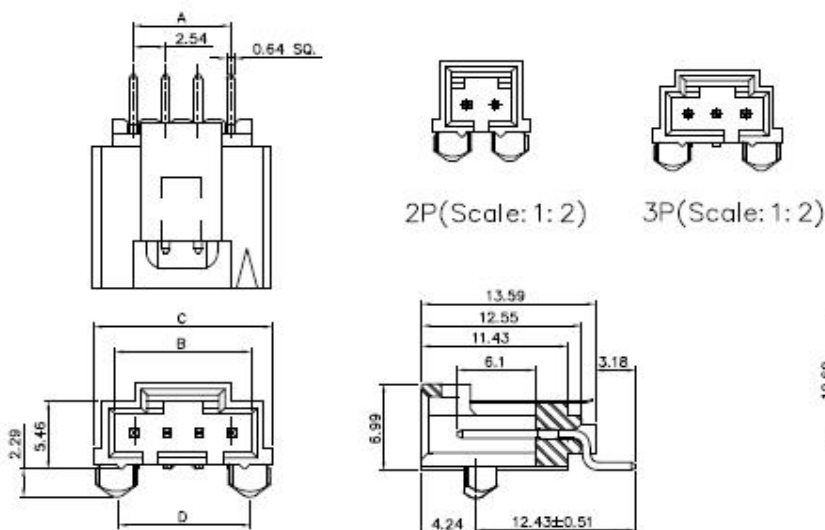
Withstanding Voltage:600V AC/Minute



Ordering Information

A2541H-XXX-03-XX
1 2 3 4 5 6

- 1:—Series No.
- 2:—H:Horizontal
SMT Type
- 3:—No. of Positions
- 4:—A:Gold Flash
H:Selective Gold Plated
Q:Tin Plated
- 5:—B:Black
N:Natural
GR:Grey
- 6:—B:In Tube
H:W/Film In
Tape&Reel



No.	A	B	C	D
02	2.54	5.33	8.84	5.33
03	5.08	8.13	11.43	7.87
04	7.62	10.67	13.97	10.41
05	10.16	13.21	16.51	12.95
06	12.70	15.75	19.05	15.49
07	15.24	18.29	21.59	18.03
08	17.78	20.83	24.13	20.57
09	20.32	23.37	26.67	23.11
10	22.86	25.91	29.21	25.65
11	25.40	28.45	31.75	28.19
12	27.94	30.99	34.29	30.73
13	30.48	33.53	36.83	33.27
14	33.02	36.07	39.37	35.81
15	35.56	38.61	41.91	38.35
16	38.10	41.15	44.45	40.89
17	40.64	43.69	46.99	43.43
18	43.18	46.23	49.53	45.97
19	45.72	48.77	52.07	48.51
20	48.26	51.31	54.61	51.05
21	50.80	53.85	57.15	53.59
22	53.34	56.39	59.69	56.13
23	55.88	58.93	62.23	58.67
24	58.42	61.47	64.77	61.21
25	60.96	64.01	67.31	63.75

东莞市华晶电子有限公司
<http://www.hjbright.com>

.100" (2.54mm) Pitch Housing / Terminal

Specifications:

Material:

Insulator:PA66 UL94V-0 Color:Black

Rating:

Current Rating:3 Amp(22AWG)

Voltage Rating:250V AC/DC

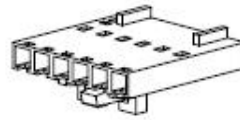
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:600V AC/Minute



Ordering Information

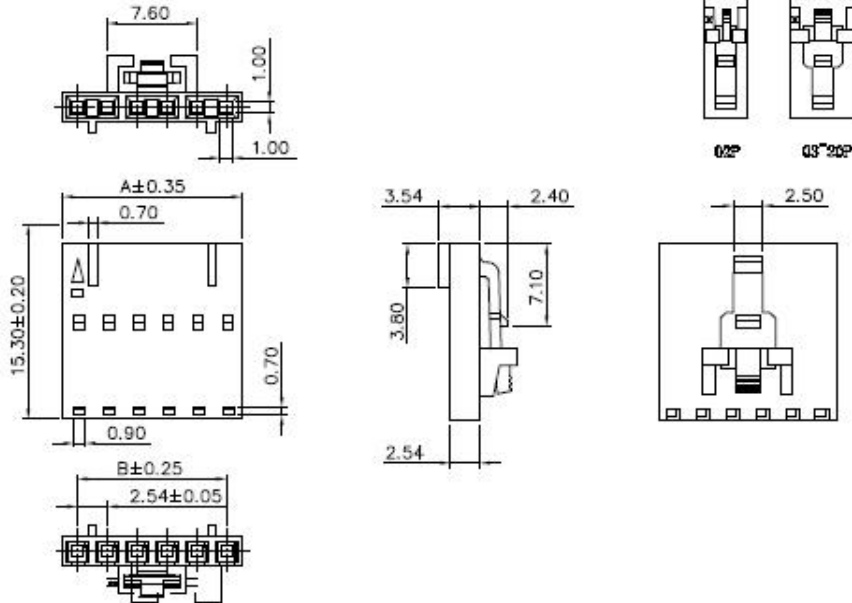
H2541-XXP-BA
1 2 3 4

1:—Series No.

2:—No. of Positions

3:—B:Black

4:—A:In Bag



Poles	Dimensions	
	A	B
02P	5.08	2.54
03P	7.62	5.08
04P	10.16	7.62
05P	12.70	10.16
06P	15.24	12.70
07P	17.78	15.24
08P	20.32	17.78
09P	22.86	20.32
10P	25.40	22.86
11P	27.94	25.40
12P	30.48	27.94
13P	33.02	30.48
14P	35.56	33.02
15P	38.10	35.56
16P	40.64	38.10
17P	43.10	40.64
18P	45.64	43.18
20P	50.72	48.26

Specifications:

Material:

Plating :Phosphor Bronze

Contact: Tin Or Gold Plated

Rating:

Current Rating:3 Amp(22AWG)

Voltage Rating:250V AC/DC

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:600V AC/Minute

Wire Range:AWG #22-#28



Ordering Information

H254011T-PX
1 2 3

1:—Series No.

2:—Terminal

3:—A:Gold flash

Q: Tin Plated

H: Gold flash on

contact;Matte

Tin on tail

