

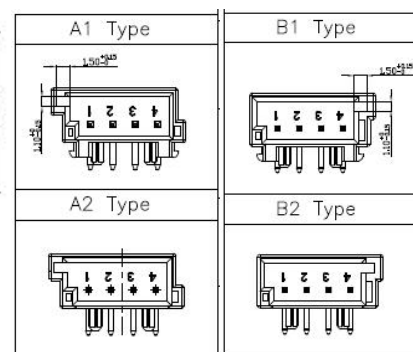
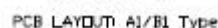
.100"(2.54mm) Pitch/Disconnectable Insulation Displacement Connectors

.100"(2.54mm) Connectors

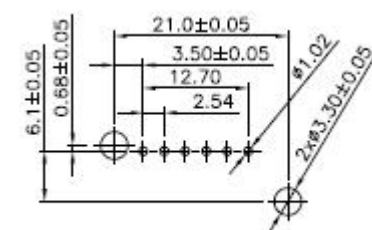
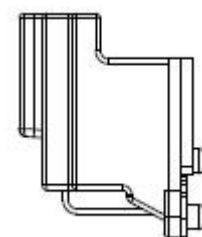
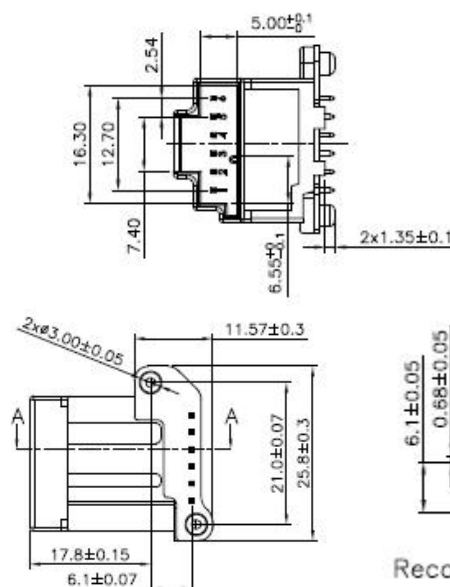
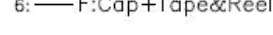


HJBRIGHT®

Withstanding Voltage:500V AC/Minute



Withstanding voltage:500V AC/Minute



Recommended PCB Layout

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.100" (2.54mm) Pitch 90° Wafer

Specifications:

Material And Finish:

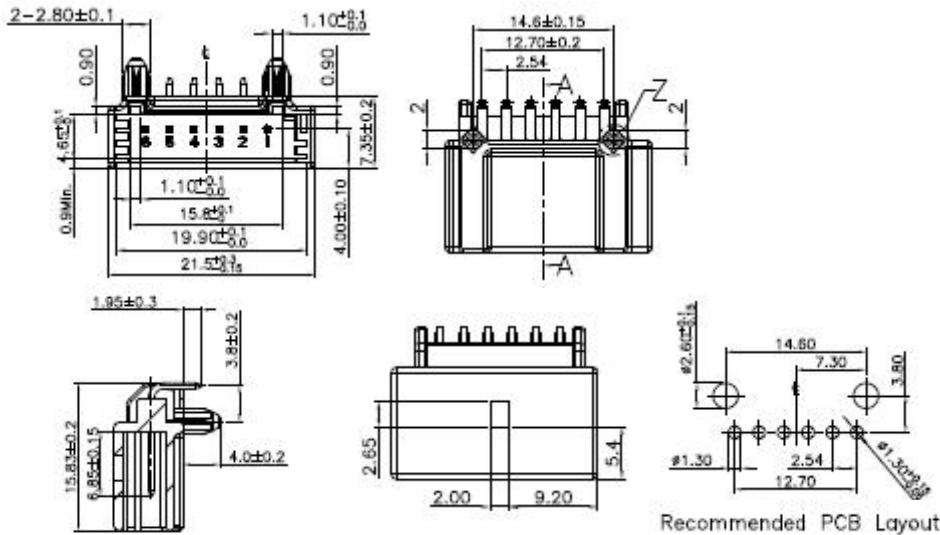
Insulator: PA6T UL94V-0 Color:Black
Contact Pin: copper alloy
Plating: Matte tin plating

Rating:

Current Rating: 3.5Amp(22AWG)
Voltage Rating:250V AC/DC
Operating Temperature Range:-40°~+120°C

Electrical:

Contact resistance:10m Ohm Max
Insulator resistance:1000M ohm min.
Withstanding Voltage:500V AC/Minute



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Ordering Information

A25414R-06S-XX-E
1 2 3 4 5 6 7

- 1: — Series No.
- 2: — R/R/A Type
- 3: — No. of Positions
- 4: — S:Matte Tin Plated
- 5: — A:A Type
B:B Type
C:C Type
D:D Type
- 6: — B:Black
N:Natural
BR:Brown
- 7: — E:Tape&Reel

A Type	B Type
BLACK	BLACK/NATURAL
C Type	D Type
BROWN	BLACK

Specifications:

Material And Finish:

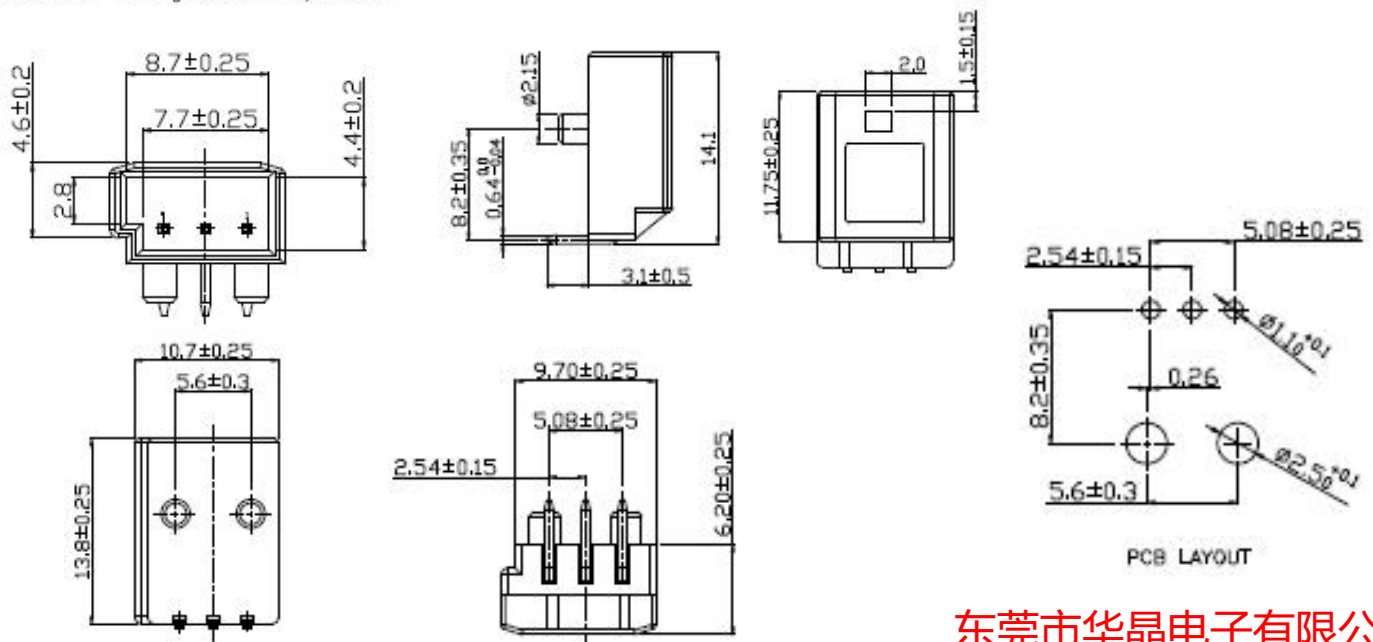
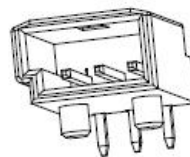
Insulator:PA6T UL94V-0 Color:Black
Contact:Brass
Plated:Tin Plated

Rating:

Current Rating:3.5 Amp (22AWG)
Voltage Rating:250V AC/DC
Operating Temperature Range:-40°~+120°C

Electrical:

Contact resistance:10m Ohm Max
Insulator resistance:1000M ohm min.
Dielectric Voltage:500V AC/Minute



Ordering Information

A25414RA-03Q-03-X
1 2 3 4 5

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

东莞市华晶电子有限公司
<http://www.hjbright.com>

.100" (2.54mm) Pitch SMT Wafer / Housing

Specifications:

Material And Finish:

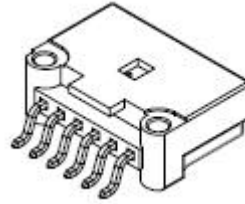
Insulator: PA4T UL94V-0 Color:Black
Contact Pin: copper alloy
Plating: Matte tin plating

Rating:

Current Rating: 3.5Amp (22AWG)
Voltage Rating: 250V AC /DC
Operating Temperature Range: -40°~+120°C

Electrical:

Contact resistance:10m Ohm Max
Insulator resistance:1000M ohm min.
Withstanding Voltage:500V AC/Minute



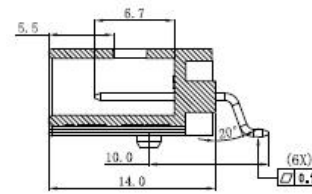
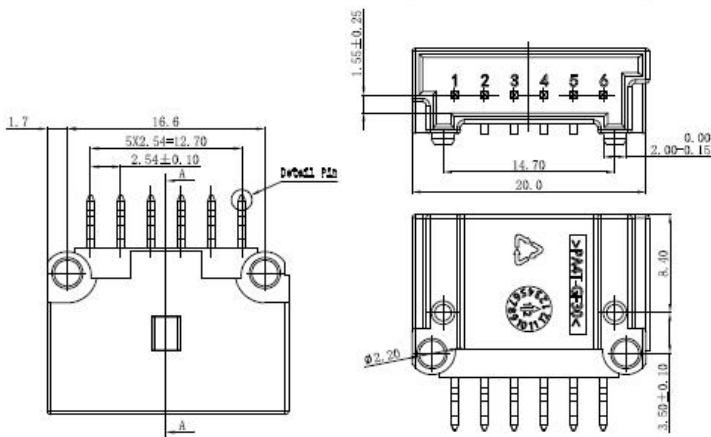
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Ordering Information

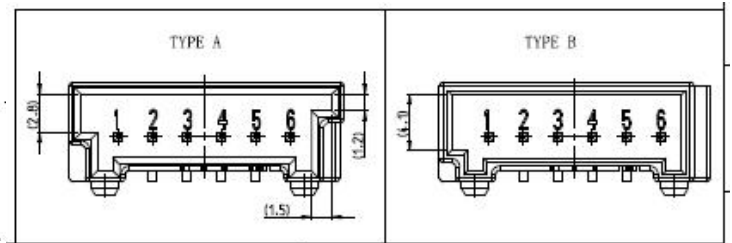
A25414H-06S-XD

1 2 3 4 5 6

- 1: — Series No.
- 2: — H:Horizontal SMT Type
- 3: — No. of Positions
- 4: — S:40u"~120u" Sn over
52u"~88u" Nickel
- 5: — A:A Type
B:B Type
- 6: — D:In Tape&Reel



Section view A-A



Specifications:

Material And Finish:

Insulator:PBT UL94V-0 Color:Black
Plated:See Ordering Information

Rating:

Current Rating:3.5 Amp
Voltage Rating:250V AC/DC
Operating Temperature Range:-40°~+120°C

Electrical:

Contact resistance:20m Ohm Max
Insulator resistance:1000M ohm min.
Withstanding Voltage:1000V AC/Minute

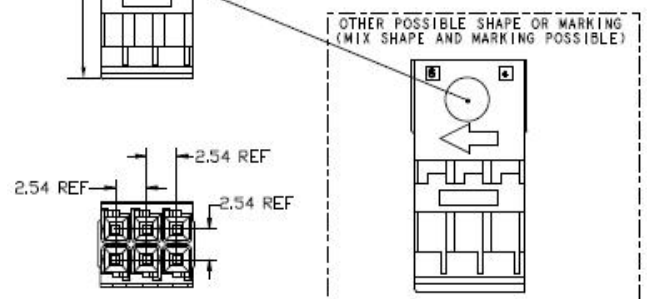
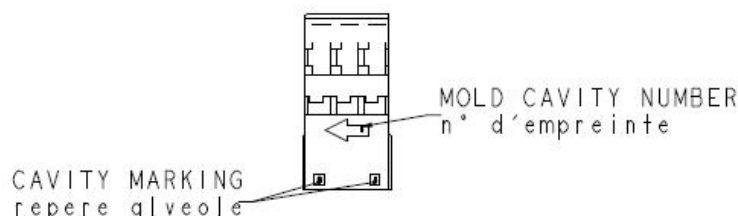
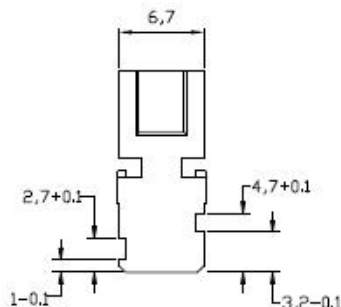


Ordering Information

H25414F-XXP-XX

1 2 3 4 5

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



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<http://www.hjbright.com>

.100" (2.54mm) Pitch Housing

Specifications:

Material And Finish:

Insulator: PBT UL94V-0

Color: See Ordering Information

Rating:

Current Rating: 3.5 Amp (22AWG)

Voltage Rating: 250V AC/DC

Operating Temperature Range: -40°~+120°C

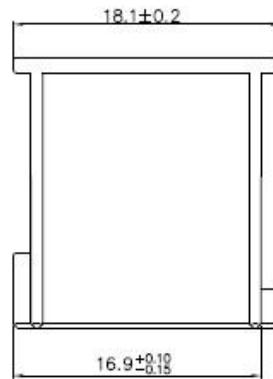
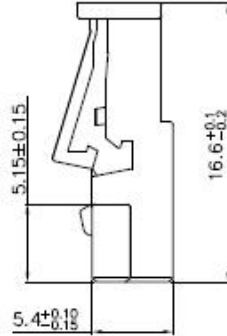
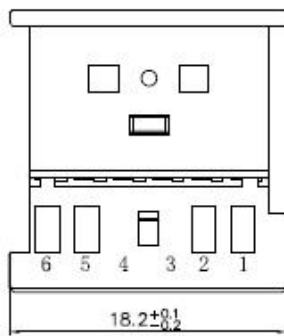
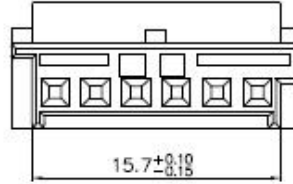
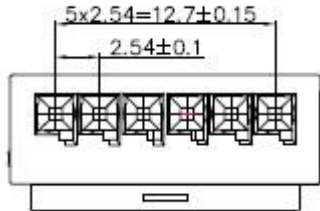


Ordering Information

H25414F-06-XXA

1 2 3 4 5 6

- 1: — Series No.
- 2: — F: Female Housing
- 3: — No. of Positions
- 4: — B: Black
N: Natural
- 5: — A: A Type
B: B Type
- 6: — A: In Bag



A Type	B Type
BLACK	NATURAL

Specifications:

Material And Finish:

Insulator: PBT UL94V-0

Color: See Ordering Information

Rating:

Current Rating: 3.5 Amp (22AWG)

Voltage Rating: 250V AC/DC

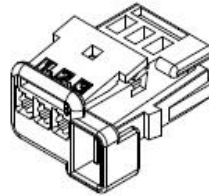
Operating Temperature Range: -40°~+120°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Dielectric Voltage: 1000V AC/Minute

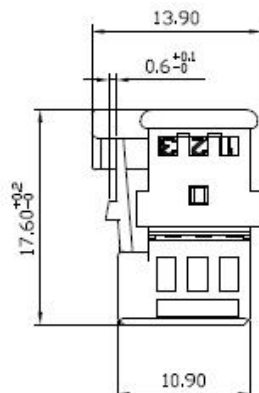
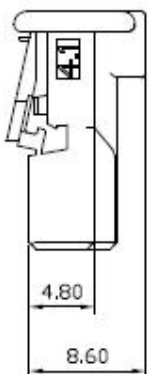
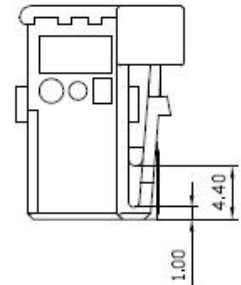
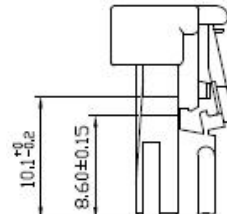
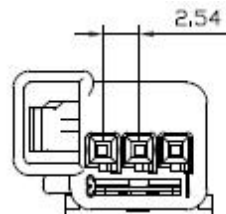
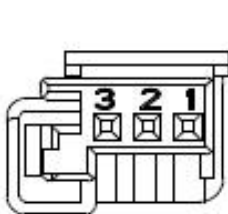


Ordering Information

H25414F1-03P-XX-A

1 2 3 4 5

- 1: — Series No.
- 2: — F: Female Housing
- 3: — No. of Positions
- 4: — 01: A Type Black
02: B Type White
03: C Type Blue
04: D Type Yellow
05: E Type Grey
06: F Type Brown
- 5: — A: In Bag



KEYING TABLE			
TYPE		A	B
A TYPE BLACK		6.5	0
B TYPE WHITE		5.2	1.3
C TYPE BLUE		4	2.5
D TYPE YELLOW		2.7	3.8
E TYPE GREY		1.5	5
F TYPE BROWN		0	6.3

.100" (2.54mm) Pitch Housing

Specifications:

Material And Finish:

Insulator:PBT UL94V-0

Color:See Ordering Information

Rating:

Current Rating:7.5 Amp (22AWG)

Voltage Rating:250V AC/DC

Operating Temperature Range:-40°~+120°C

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:100M ohm min.

Withstanding Voltage:500V AC/Minute

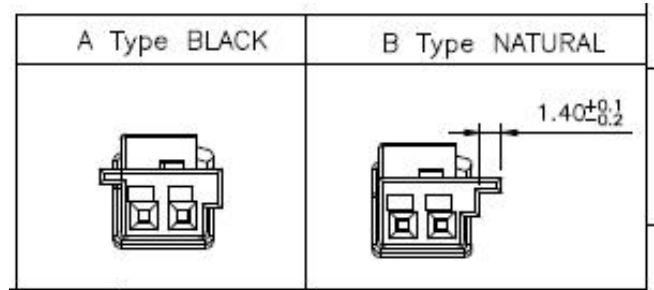
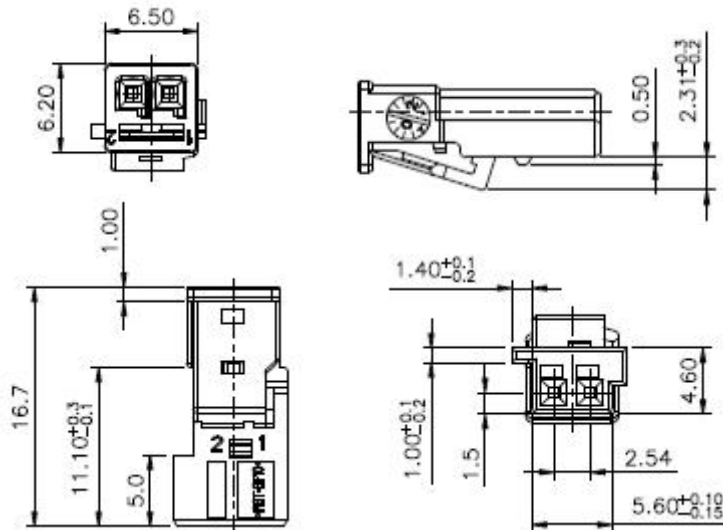
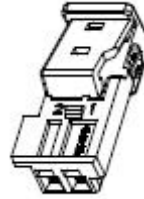
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Ordering Information

H25414F2-02-XA

1 2 3 4 5

- 1:— Series No.
- 2:— F:Female
- 3:— No. of Positions
- 4:— A:A Type Black
B:B Type Natural
- 5:— A:In Bag



Specifications:

Material:

Insulator:PBT UL94V-0

Rating:

Current Rating:3.0 Amp

Voltage Rating:24V AC/DC

Operating Temperature Range:-40°C~+110°C

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:100M ohm min.

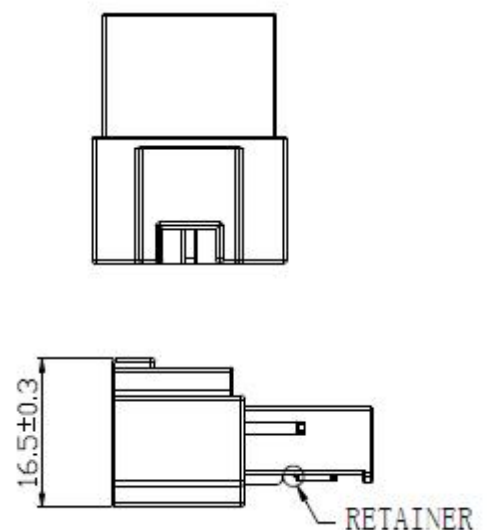
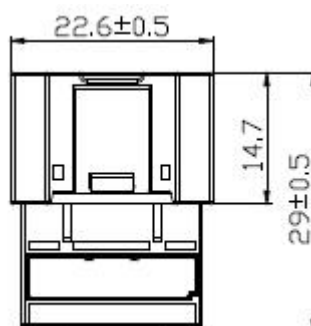
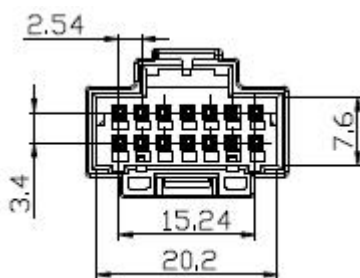
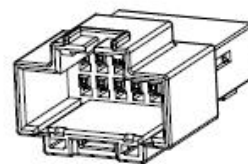
Withstanding Voltage:1000V AC/Minute

Ordering Information

H25414F4-14P-01-A

1 2 3 4 5

- 1:— Series No.
- 2:— F:Female Housing
- 3:— No. of Positions
- 4:— 01: BLACK
02: YELLOW
03: DARK GRAY
04: BROWN
- 5:— A:In Bag



.100" (2.54mm) Pitch Housing

Specifications:

Material And Finish:

Insulator: PBT UL94V-0

Color: See Ordering Information

Rating:

Current Rating: 7.5 Amp (22AWG)

Voltage Rating: 250V AC/DC

Operating Temperature Range: -40°~+120°C

Electrical:

Contact resistance: 20m Ohm Max

Insulator resistance: 100M ohm min.

Withstanding Voltage: 500V AC/Minute

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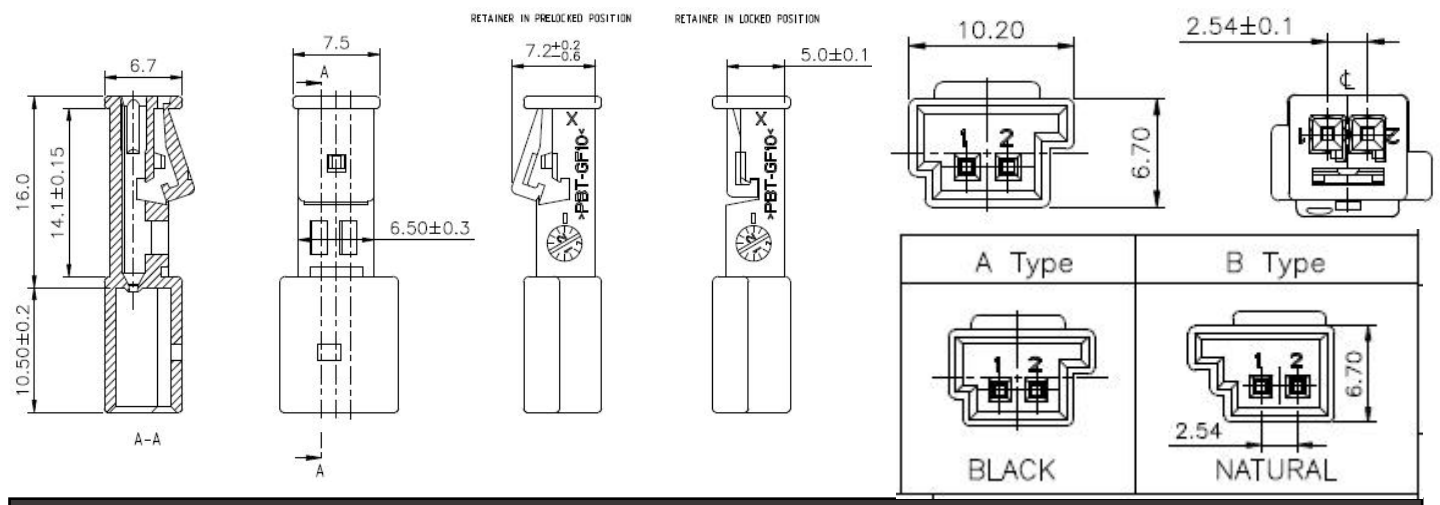


Ordering Information

H25414M2-02-XXA

1 2 3 4 5

- 1: — Series No.
- 2: — M: Male
- 3: — No. of Positions
- 4: — A: A Type Black
B: B Type Natural
- 5: — A: In Bag



Specifications:

Material And Finish:

Insulator: PBT UL94V-0

Color: See Ordering Information

Rating:

Current Rating: 3.5 Amp (22AWG)

Voltage Rating: 250V AC/DC

Operating Temperature Range: -40°~+120°C

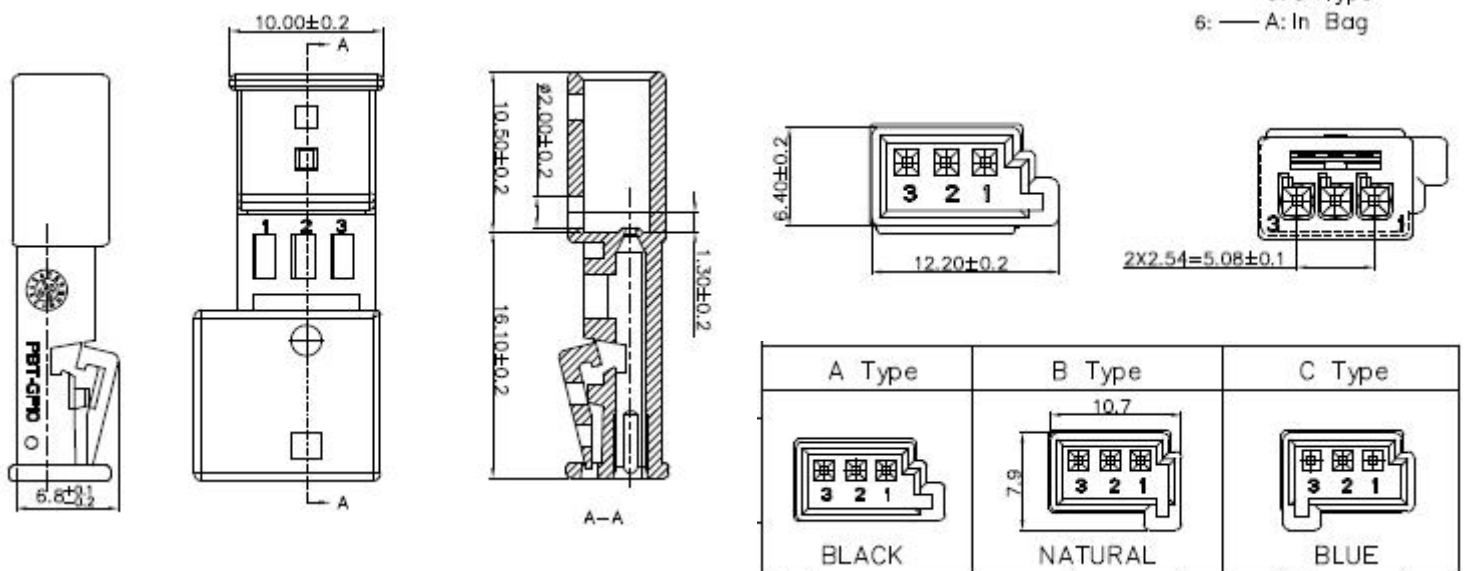


Ordering Information

H25414M-03-XXA

1 2 3 4 5 6

- 1: — Series No.
- 2: — M: Male
- 3: — No. of Positions
- 4: — B: Black
N: Natural
L: Blue
- 5: — A: A Type
B: B Type
C: C Type
- 6: — A: In Bag



.100" (2.54mm) Pitch Housing

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Specifications:

Material And Finish:

Insulator: PBT UL94V-0

Color: See Ordering Information

Rating:

Current Rating: 3.5 Amp (22AWG)

Working voltage: 250V AC/DC

Operating Temperature Range: -40~+120°C

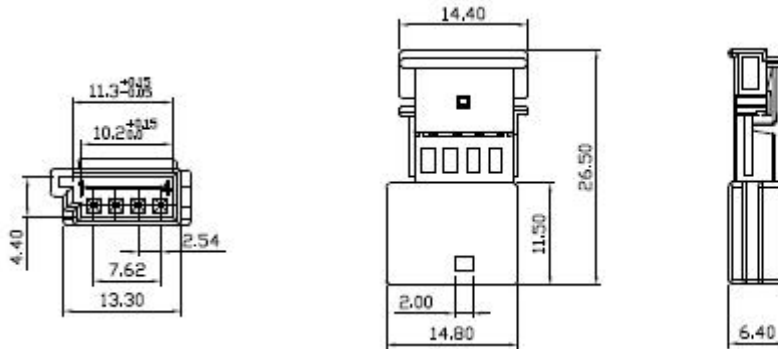


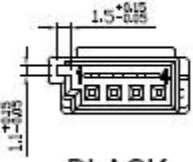
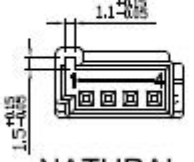
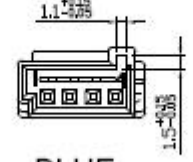
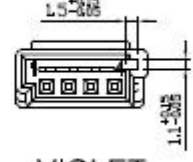
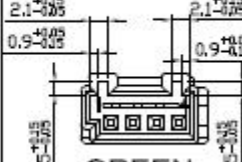
Ordering Information

H25414M-04-XXA

1 2 3 4 5

- 1: — Series No.
- 2: — M: Male Housing
- 3: — No. of Positions
- 4: — BA: A Type Black
NB: B Type Natural
CL: C Type Blue
VD: D Type Violet
GE: E Type Green
- 5: — A: In Bag



A Type	B Type	C Type	D Type	E Type
 1.5±0.15 1.1±0.15 BLACK	 1.1±0.15 1.5±0.15 NATURAL	 1.1±0.15 1.5±0.15 BLUE	 1.5±0.15 1.1±0.15 VIOLET	 2.1±0.15, 0.9±0.15, 2.1±0.15, 0.9±0.15 GREEN

Specifications:

Material And Finish:

Insulator: PBT UL94V-0

Color: See Ordering Information

Rating:

Current Rating: 3.5 Amp (22AWG)

Voltage Rating: 250V AC/DC

Operating Temperature Range: -40~+120°C

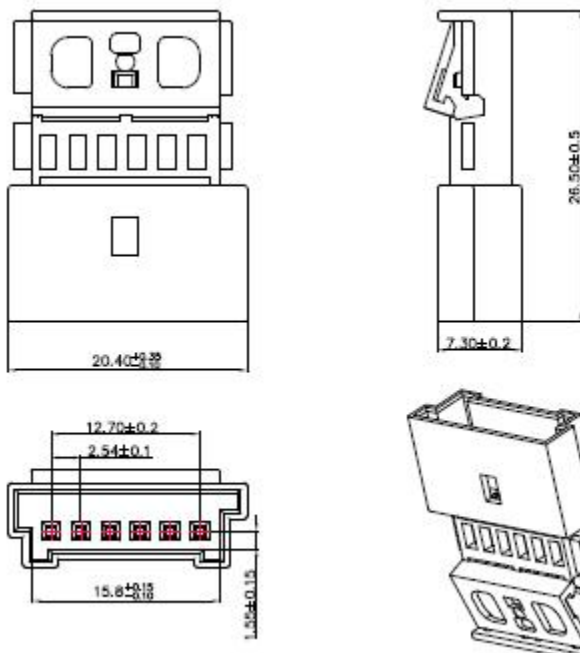


Ordering Information

H25414M-06-XXA

1 2 3 4 5 6

- 1: — Series No.
- 2: — M: Male
- 3: — No. of Positions
- 4: — B: Black
N: Natural
- 5: — A: A Type
B: B Type
- 6: — A: In Bag



A Type	B Type
 BLACK	 NATURAL

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.100" (2.54mm) Pitch Housing

Specifications:

Material And Finish:

Insulator: PBT+CF20 UL94V-0

Color: See Ordering Information

Rating:

Current Rating: 7.5 Amp

Voltage Rating: 24V AC/DC

Operating Temperature

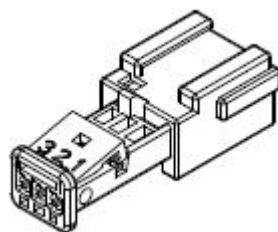
Range: -40~+85°C

Electrical:

Contact resistance: 8m Ohm Max

Insulator resistance: 100M Ohm min.

Withstanding Voltage: 1000V AC/Minute



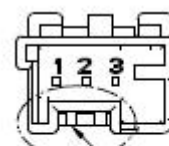
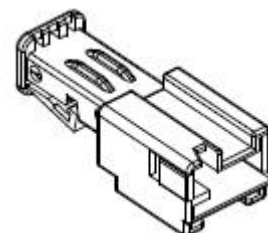
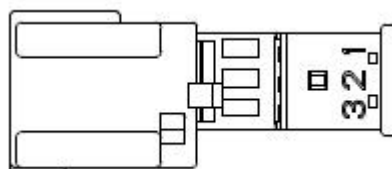
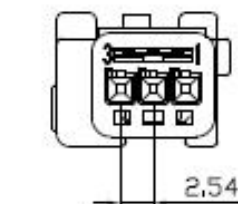
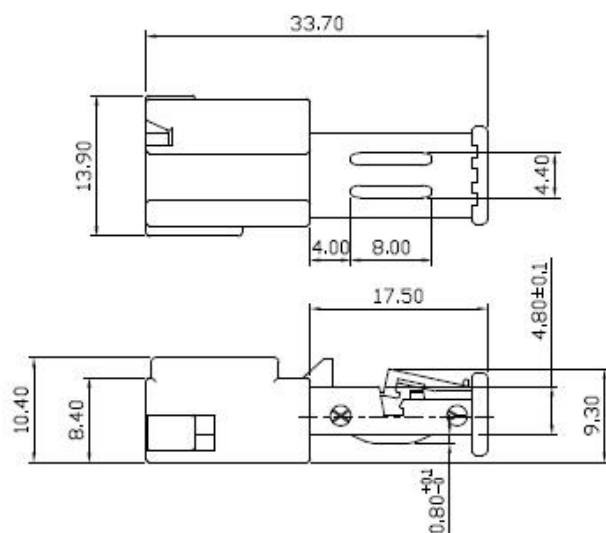
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Ordering Information

H25414M1-03P-XX-A

1 2 3 4 5

- 1: — Series No.
- 2: — M: Male Housing
- 3: — No. of Positions
- 4: — 01: A Type Black
02: B Type White
03: C Type Blue
04: D Type Yellow
05: E Type Grey
06: F Type Brown
- 5: — A: In Bag



SEE DETAIL Z

Specifications:

Material And Finish:

Insulator: PBT+10GF UL94V-0

Color: See Order Information

Rating:

Current Rating: 7.5Amp

Current Voltage: 12V DC

Operating Temperature Range: -40~+120°C

Electrical:

Contact resistance: 20m Ohm Max

Insulator resistance: 50M ohm min.

Withstanding Voltage: 500V AC/Minute

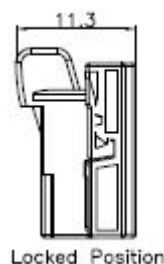
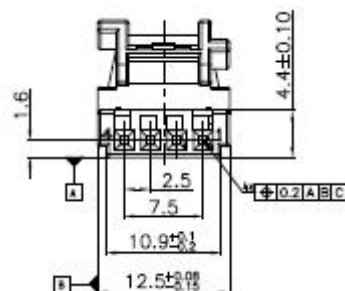
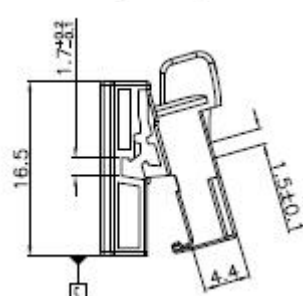


Ordering Information

H25014M-04P-XX-A

1 2 3 4 5

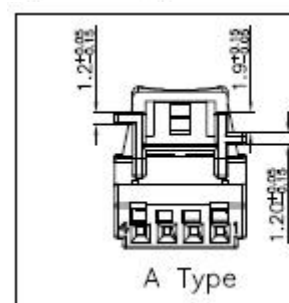
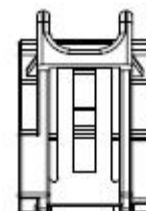
- 1: — Series No.
- 2: — M: Male Housing
- 3: — No. of Positions
- 4: — 01: A Type Black
02: B Type Brown
03: C Type Red
- 5: — A: In Bag



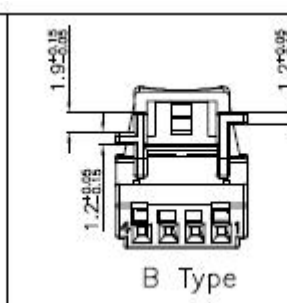
Locked Position



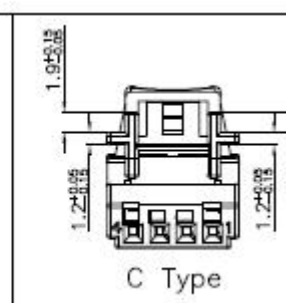
Locked Position



A Type



B Type



C Type

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.100" (2.54mm) Pitch Housing

Specifications:
Material And Finish:
Insulator:PBT UL94V-0
Color:See Ordering Information

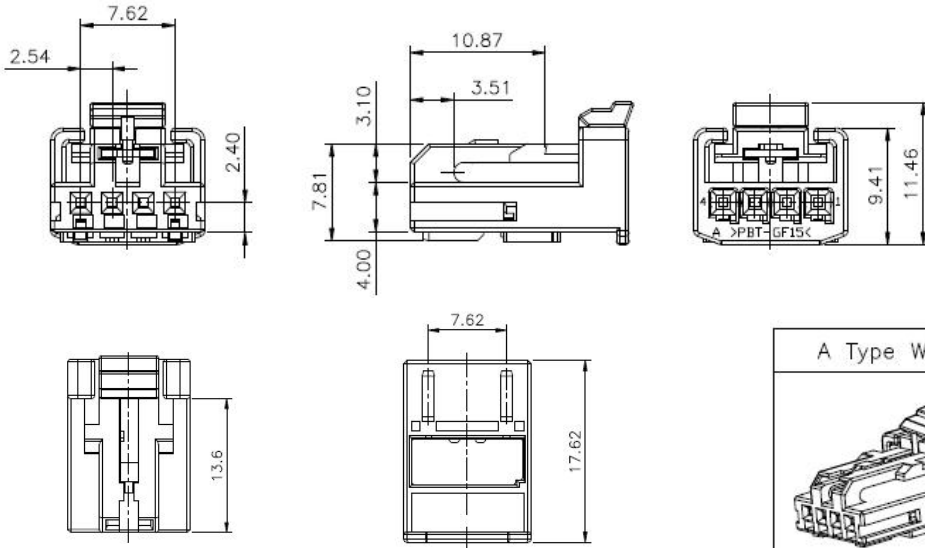
Rating:
Current Rating:3.5 Amp (22AWG)
Voltage Rating:250V DC
Operating Temperature Range:-40°~+120°C

Electrical:
Contact resistance:10m Ohm Max
Insulator resistance:100M ohm min.
Withstanding Voltage:500V AC/Minute



Ordering Information
H25414M3-04P-XXA
1 2 3 4 5 6

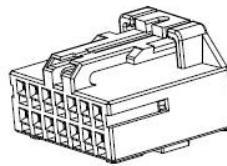
- 1:— Series No.
- 2:— F:Female
- 3:— No. of Positions
- 4:— A:A Type With CPA
B:B Type With Out CPA
- 5:— GR:Dark Grey
Y:Yellow
B:Black
- 6:— A:In Bag



Specifications:
Material:
Insulator:PBT UL94V-0

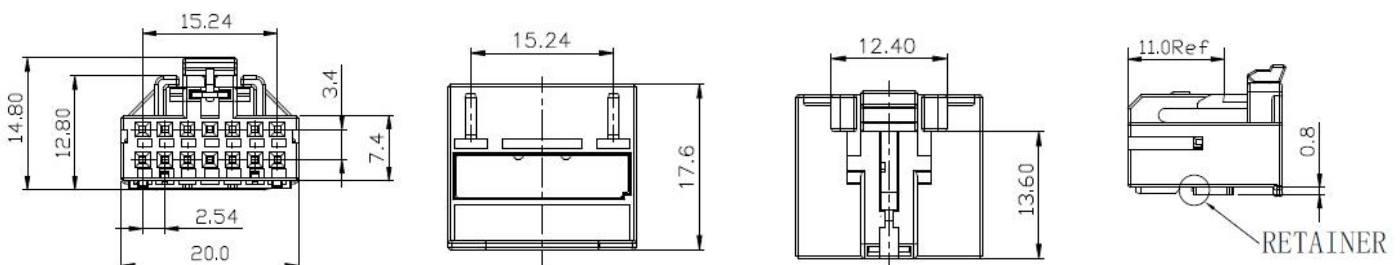
Rating:
Current Rating:3.0 Amp
Voltage Rating:24V AC/DC
Operating Temperature Range:-40°C~+110°C

Electrical:
Contact resistance:20m Ohm Max
Insulator resistance:100M ohm min.
Withstanding Voltage:1000V AC/Minute



Ordering Information
H25414M4-14P-01-A
1 2 3 4 5

- 1:— Series No.
- 2:— M:Male Housing
- 3:— No. of Positions
- 4:— 01: BLACK
02: YELLOW
03: DARK GRAY
04: BROWN
- 5:— A:In Bag



.100" (2.54mm) Pitch 90° Wafer / Housing

Specifications:

Material And Finish:

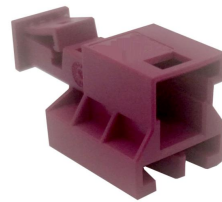
Insulator:PBT UL94V-0 Color:Black
Plated:See Ordering Information

Rating:

Current Rating:3.5Amp
Voltage Rating:250V AC/DC
Operating Temperature Range:-40°~+120°C

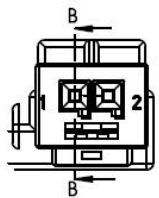
Electrical:

Contact resistance:20m Ohm Max
Insulator resistance:1000M ohm min.
Withstanding Voltage:1000V AC/Minute

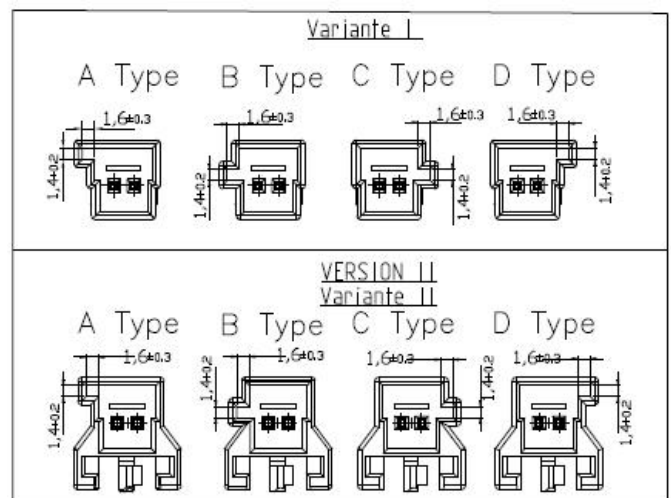
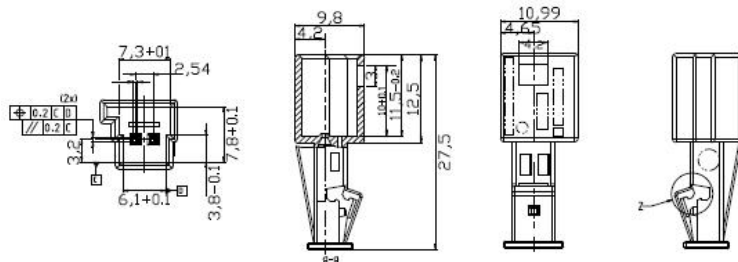


Ordering Information
H25414M-XXP-XXX
1 2 3 4 5 6

- 1: — Series No.
- 2: — M: Male Housing
- 3: — No. of Positions
- 4: — N: Natural
B:Black
- 5: — 01:A Type
02:B Type
03:C Type
04:D Type
- 6: — A:In Bag
C:In Tray



VERSION I / Variante I
(WITHOUT LOCKING PART / ohne Anreihelment)



Specifications:

Material And Finish:

Insulator:Nylon 46 UL94V-0 Color:Orange
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:

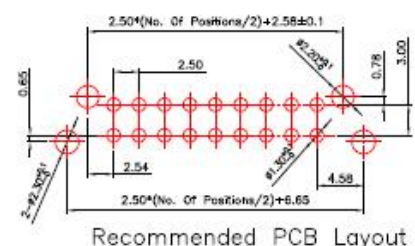
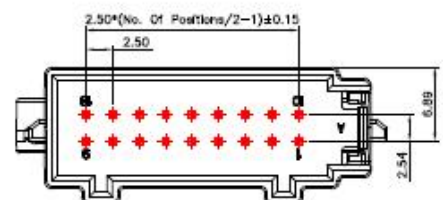
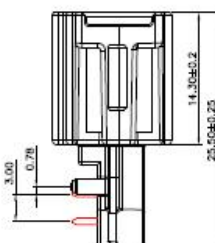
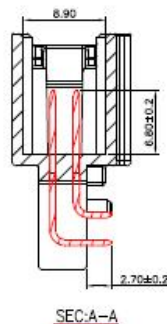
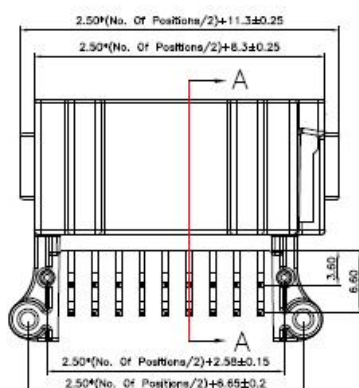
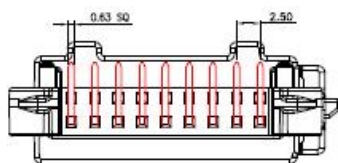
Contact resistance:10m Ohm Max
Insulator resistance:1000M ohm min.
Withstanding Voltage:500V AC/Minute



Ordering Information

A25083R-XXX-01-X
1 2 3 4 5

- 1: — Series No.
- 2: — R:R/A Type
- 3: — No. of Positions
- 4: — A:Gold Flash
Q:Matte Tin Plated
- 5: — A:In bag
B:In Tube
C:In Tray



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.100" (2.54mm) Pitch Housing

Specifications:

Material And Finish:

Insulator:PA66 UL94V-0 Color:Black

Plated:See Ordering Information

Rating:

Current Rating:3.0Amp (22AWG)

Voltage Rating:250V AC/DC

OperatingTemperatureRange:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:100M ohm min.

Withstanding Voltage:500V AC/Minute



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Ordering Information

H25082-XXP-01-X

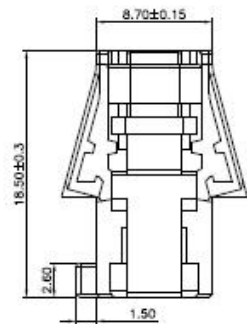
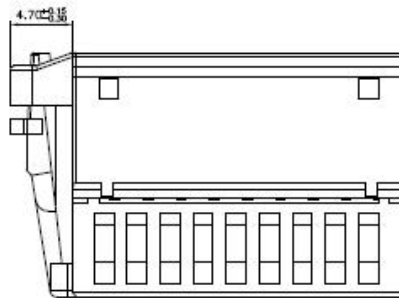
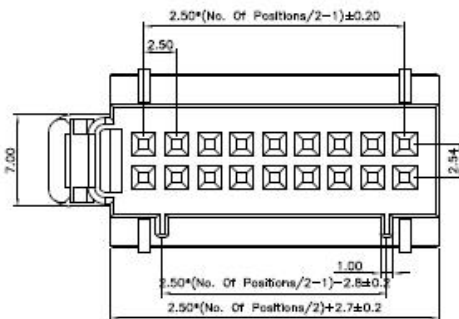
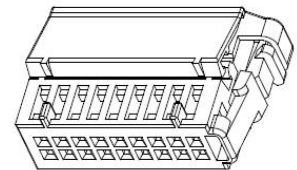
1 2 3

1:— Series No.

2:— No. of Positions

3:— A:In Bag

C:In Tray



Specifications:

Material And Finish:

Insulator:PA66 UL94V-0 Color:Black

Plated:See Ordering Information

Rating:

Current Rating:3.0Amp (22AWG)

Voltage Rating:250V AC/DC

OperatingTemperatureRange:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:100M ohm min.

Withstanding Voltage:500V AC/Minute



Ordering Information

H25083-XXP-01-X

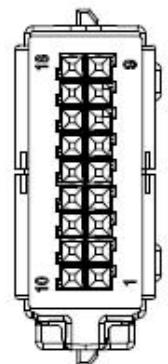
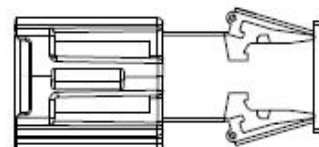
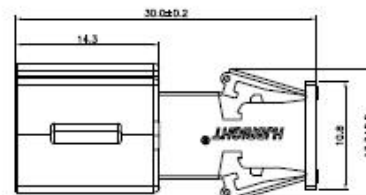
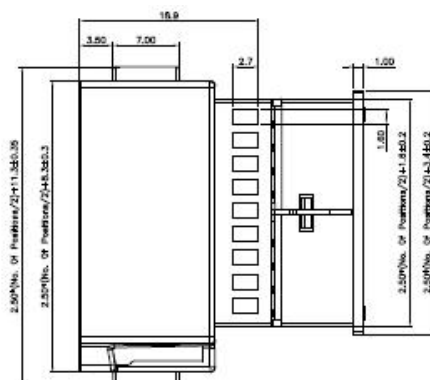
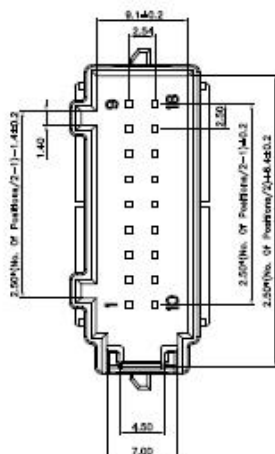
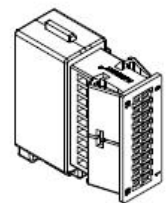
1 2 3

1:— Series No.

2:— No. of Positions

3:— A:In Bag

C:In Tray



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.100" (2.54mm) Pitch Terminal

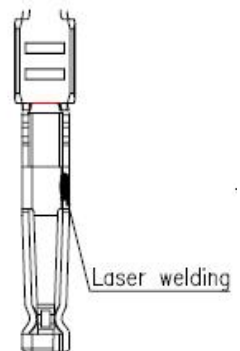
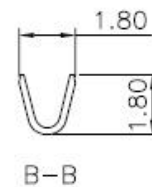
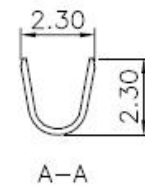
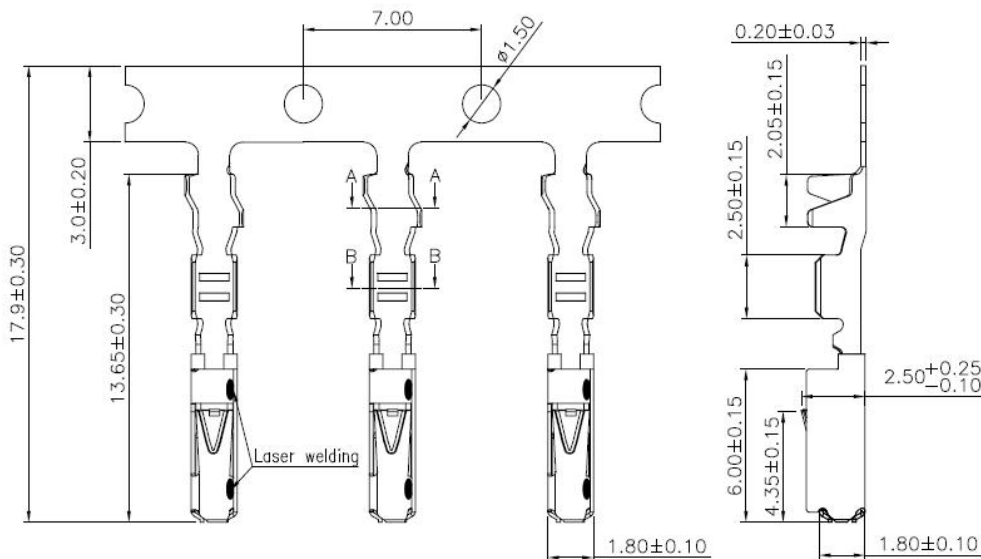
Specifications:
Material And Finish:
Material : Copper alloy
Wire Rang: 0.35mm²(AWG#22)

USCAR conform

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Ordering Information
H25082TL-PQ
1 2 3

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

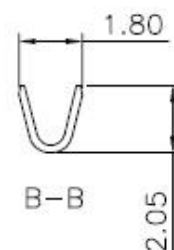
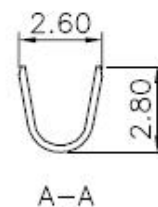
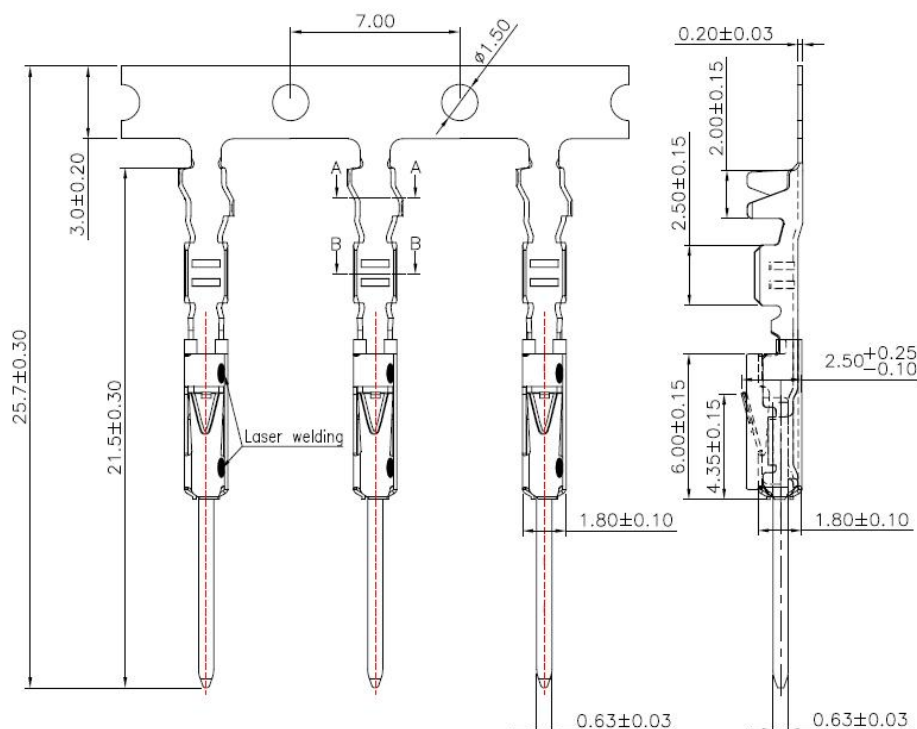


Specifications:
Material And Finish:
Material : Copper alloy
Wire Rang: 0.35mm²(AWG#22)

USCAR conform

Ordering Information
H25083TL-PQ
1 2 3

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



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