

.098"(2.50mm) Pitch/Disconnectable Insulation Displacement Connectors

.098"(2.50mm) Connectors



.098" (2.50mm) Pitch 90° Wafer / Housing

Specifications:

Material And Finish:

Insulator:PA46 UL94V-0

Rating:

Current Rating:5.5 Amp(20AWG)

Voltage Rating:250V AC/DC

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

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage:1500V AC/Minute

Ordering Information

H25000-XXP-XX-A

1 2 3 4

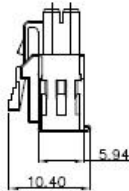
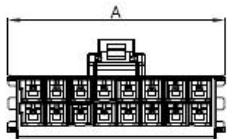
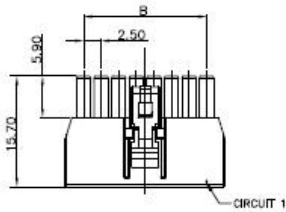
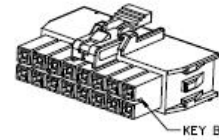
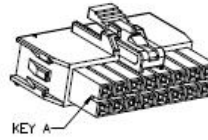
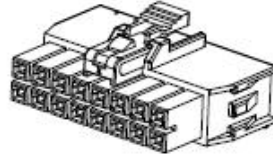
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2:—No. of Positions

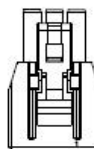
3:—01: A Type Black

02: B Type Natural

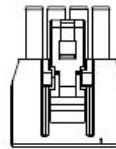
4:—A:Bag



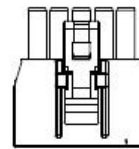
4 CKT



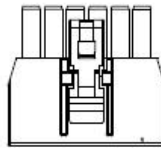
6 CKT



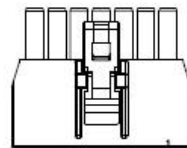
8 CKT



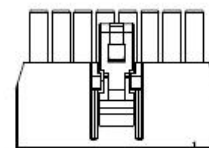
10 CKT



12 CKT



14 CKT



16 CKT

No.	Dimension(mm)	
	A	B
4	7.70	2.50
6	10.20	5.00
8	12.70	7.50
10	15.20	10.00
12	17.70	12.50
14	20.20	15.00
16	22.70	17.50

Specifications:

Material And Finish:

Insulator:LCP UL94V-0

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:5.5 Amp(20AWG)

Voltage Rating:250V AC/DC

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

Contact Resistance: 10mΩ Max

Insulation Resistance: 1000MΩ Min

Withstanding Voltage: 1500V AC/minute

Ordering Information

A25000R-XXQ-XX-X

1 2 3 4 5 6

1:—Series No.

2:—R:R/A Type

3:—No. of Positions

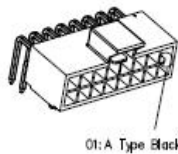
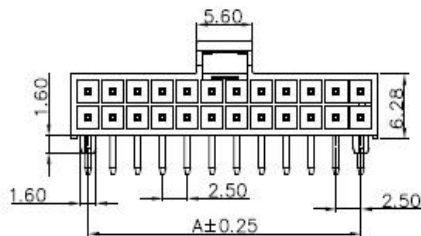
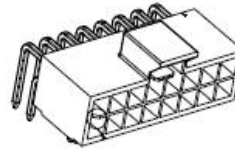
4:—Q: Tin Plated

5:—01: A Type Black

02: B Type Nature

6:—B: In Tube

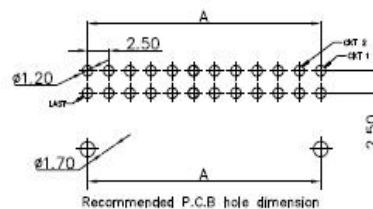
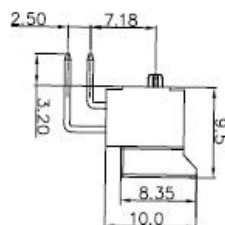
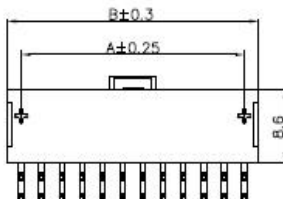
C: In Tray



01: A Type Black



02: B Type Natural



Poles	Dimension(mm)	
	A	B
04P	2.50	5.94
06P	5.00	8.44
08P	7.50	10.94
10P	10.00	13.44
12P	12.50	15.94
14P	15.00	18.44
16P	17.50	20.94
18P	20.00	23.44
20P	22.50	25.94
22P	25.00	28.44
24P	27.50	30.94

Specifications:

Material And Finish:

Insulator:LCP UL94V-0

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:5.5 Amp(20AWG)

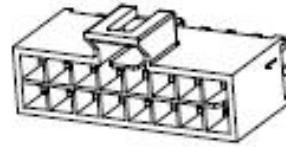
Voltage Rating:250V AC/DC

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

Contact Resistance:10mΩ Max

Insulation Resistance:1000MΩ Min

Withstanding Voltage: 1500V AC/minute



Ordering Information

A25000S-XXQ-XX-XX

1 2 3 4 5 6 7

1:—Series No.

2:—S: Straight Type

3:—No. of Positions

4:—Q: Tin Plated

5:—01:A Type Black

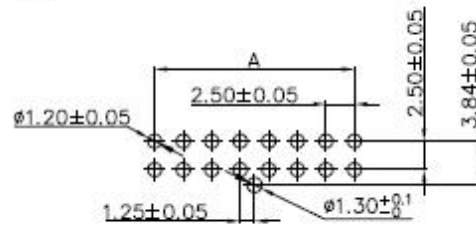
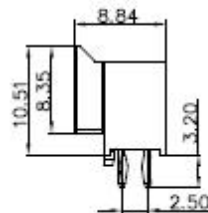
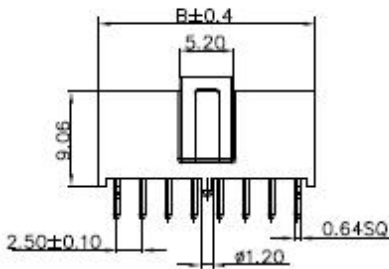
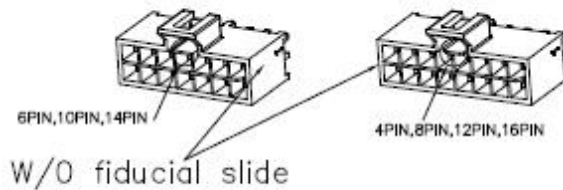
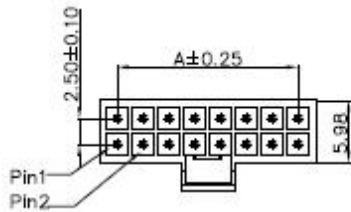
02:B Type Nature plastic

6:—E:W/0 fiducial slide

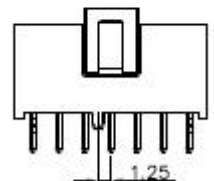
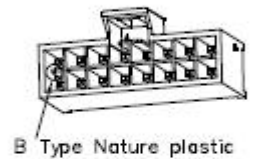
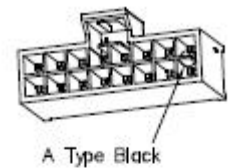
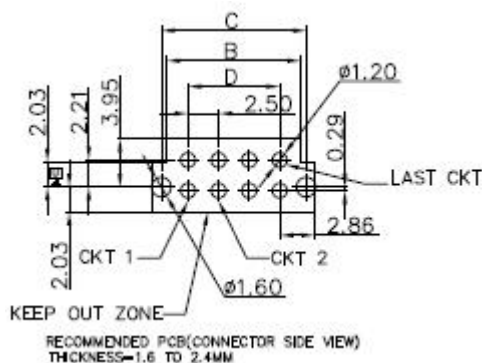
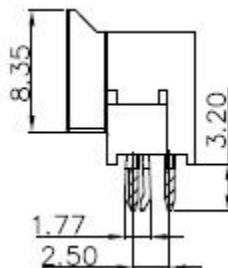
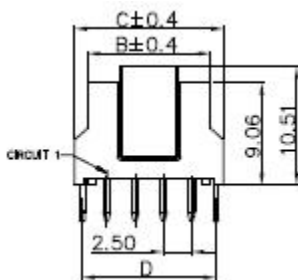
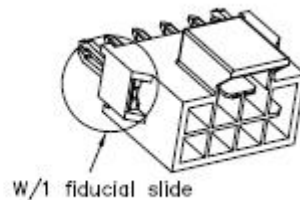
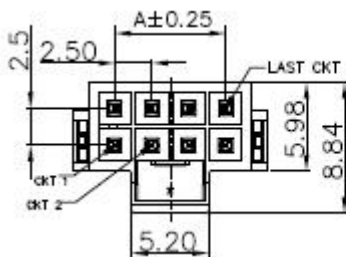
F:W/1 fiducial slide

7:—B:In Tube

C:In Tray



Recommended P.C.B hole dimension
Recommended P.C.B thickness 1.6~2.4mm



Only for CKT 6P,10P,14P

Poles	Dimensions(mm)			
	A	B	C	D
04P	2.50	5.94	8.22	6.84
06P	5.00	8.44	10.72	9.34
08P	7.50	10.94	13.22	11.84
10P	10.00	13.44	15.72	14.34
12P	12.50	15.94	18.22	16.84
14P	15.00	18.44	20.72	19.34
16P	17.50	20.94	23.22	21.84

.098" (2.50mm) Pitch SMT Wafer

Specifications:

Material And Finish:

Insulator:LCP UL94V-0

Contact:Brass

Solder tabs:Brass

Plated:See Order Information

Rating:

Current Rating:4.0 Amp

Voltage Rating:250V AC/DC

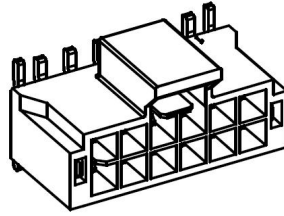
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:15m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1500V AC/Minute



Ordering Information

A25000M-XXX-XX-M
1 2 3 4 5 6

1:— Series No.

2:— M:SMT Type

3:— No. of Positions

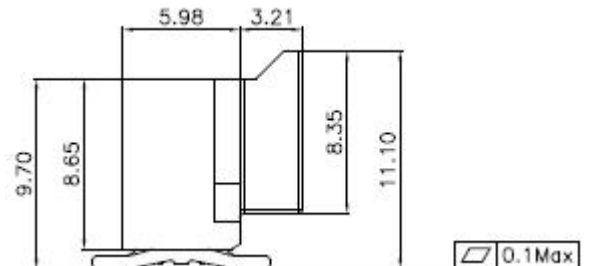
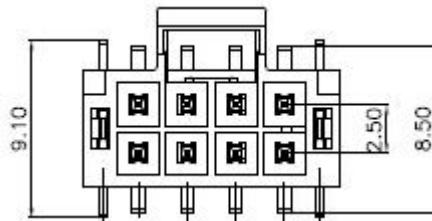
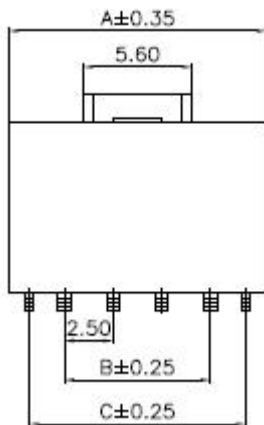
4:— Q:Tin Plated

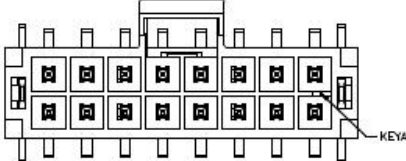
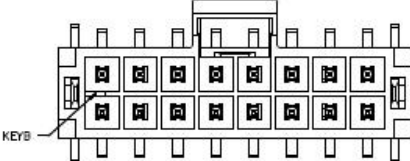
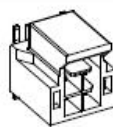
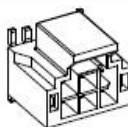
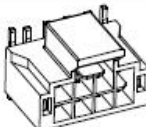
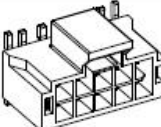
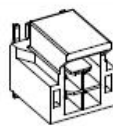
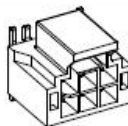
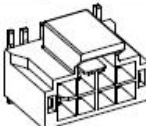
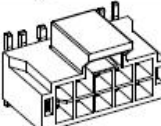
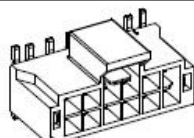
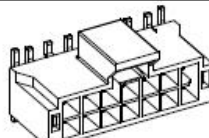
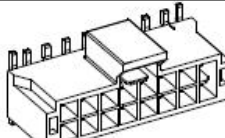
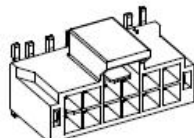
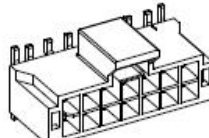
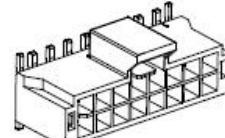
A:Gold Flash

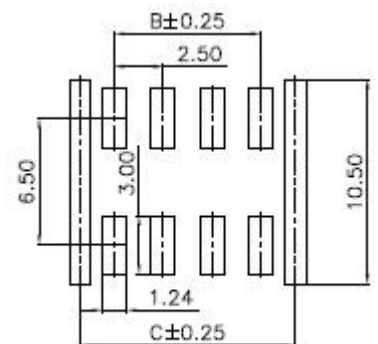
5:— 01:A Type Black

02:B Type Natural

6:— M:W/Mylar In Tape&Reel



				
BLACK		NATURAL		
	4CKT	6CKT	8CKT	10CKT
BLACK				
NATURAL				
	12CKT	14CKT	16CKT	
BLACK				
NATURAL				



RECOMMENDED PCB LAYOUT

No Of Position	Dimensions(mm)		
	A	B	C
04	8.83	2.50	6.11
06	11.33	5.00	8.61
08	13.83	7.50	11.11
10	16.33	10.00	13.61
12	18.83	12.50	16.11
14	21.33	15.00	18.61
16	23.83	17.50	21.11

.098" (2.50mm) Pitch SMT Wafer

Specifications:

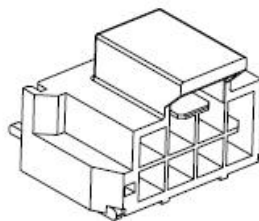
Material And Finish:

Insulator: LCP UL94V-0

Contact: Brass

Solder tabs: Brass

Plated: See Order Information



Rating:

Current Rating: 4.0 Amp

Voltage Rating: 250V AC/DC

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

Electrical:

Contact resistance: 15m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1500V AC/Minute

HJBRIGHT®

Ordering Information

A25000H-XXX-XX-G
1 2 3 4 5 6

1: — Series No.

2: — H: Horizontal Type

3: — No. of Positions

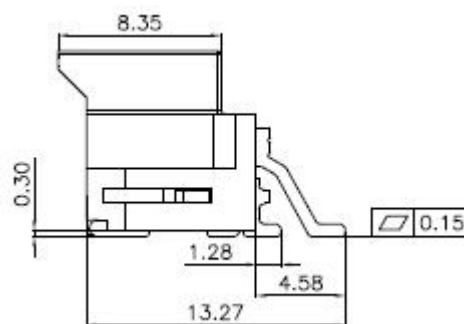
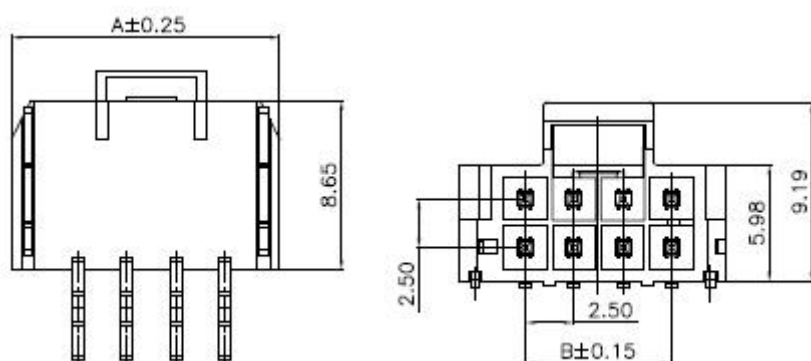
4: — Q: Tin Plated

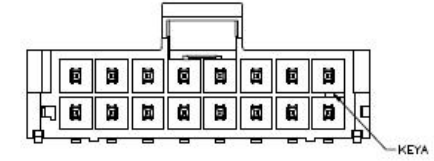
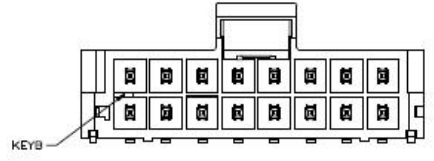
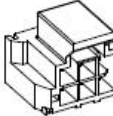
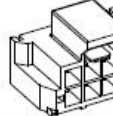
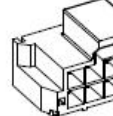
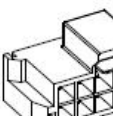
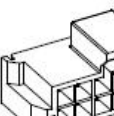
A: Gold Flash

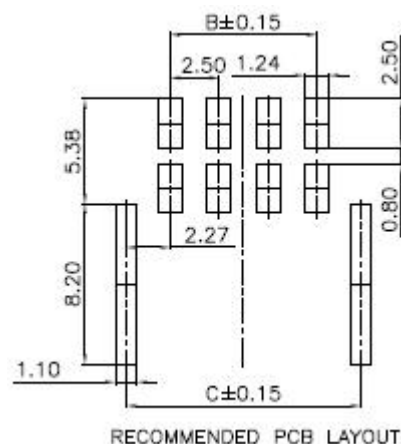
5: — 01: A Type Black

02: B Type Natural

6: — G: W/O Cap In Tape & Reel



 BLACK		 NATURAL	
4CKT		6CKT	
8CKT		10CKT	
12CKT		14CKT	
16CKT			



No Of Position	Dimensions(mm)		
	A	B	C
04	8.74	2.50	7.04
06	11.24	5.00	9.54
08	13.74	7.50	12.04
10	16.24	10.00	14.54
12	18.74	12.50	17.04
14	21.24	15.00	19.54
16	23.74	17.50	22.04

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<http://www.hjbright.com>

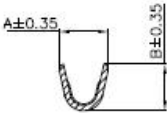
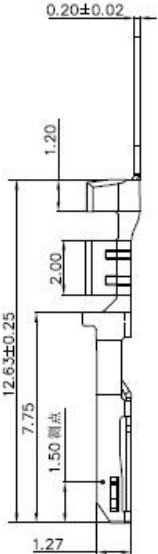
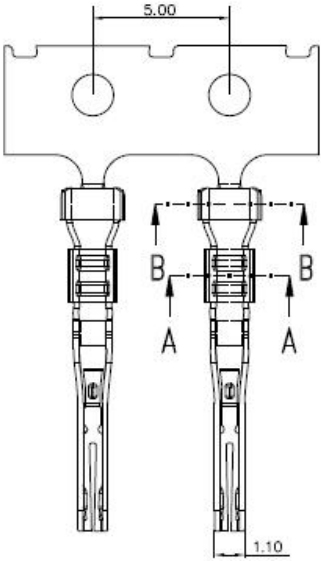
.098" (2.50mm) Pitch Terminal

Specifications:
Material And Finish:
Contact: Copper alloy
Plated: See Ordering Information
Rating:
Current Rating: 5.5 Amp (20AWG)
Voltage Rating: 250V AC/DC
Operating Temperature Range: -40°~+125°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

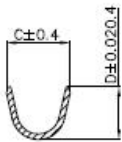


Ordering Information
H25000T-PXQ
1 2 3 4

- 1:—Series No.
- 2:—T: Terminal
- 3:—P1: AWG20~22
P2: AWG24~26
- 4:—Plated:
Q: Tin Plated



SEC. A-A



SEC. B-B

Part No.	Wire range	Dim.A	Dim.B	Dim.C	Dim.D
A25000T-P1Q	AWG20-22	1.39	1.45	2.12	2.00
A25000T-P2Q	AWG24-26	1.80	1.85	2.33	1.94