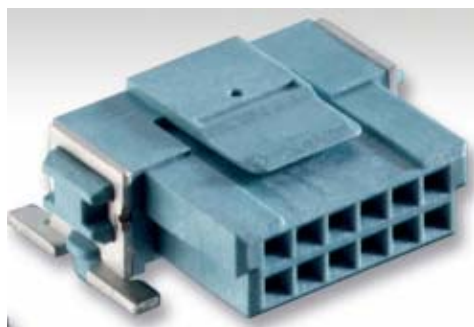


HJBRIGHT[®]

Compact Industrial Connectors With Small Multiple

1.27mm Pitch Connectors



HJBRIGHT®



Professional connector and wiring harness manufacturer

东莞市华晶电子有限公司

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TEL: 0769-81089582

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1.27mm Pitch SMC-Q SMT Type Female

Specifications:

Material And Finish:

Insulator:LCP UL94V-0 Color:Black

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:up to 1.7A Per contact

Operating Temperature Range:-55°~+125°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:10000M ohm min.

Withstanding Voltage:500V AC/Minute



Ordering Information

M12700HF-XXH-01-F
1 2 3 4 5 6

1:— Series No.

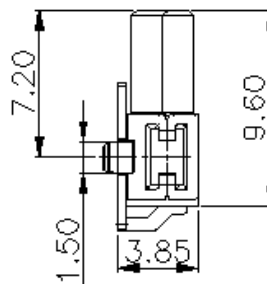
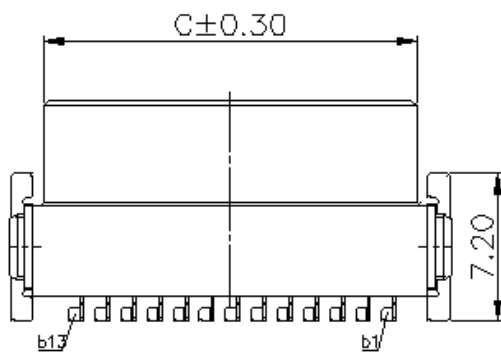
2:— H:Horizontal SMT Type

3:— F:Female

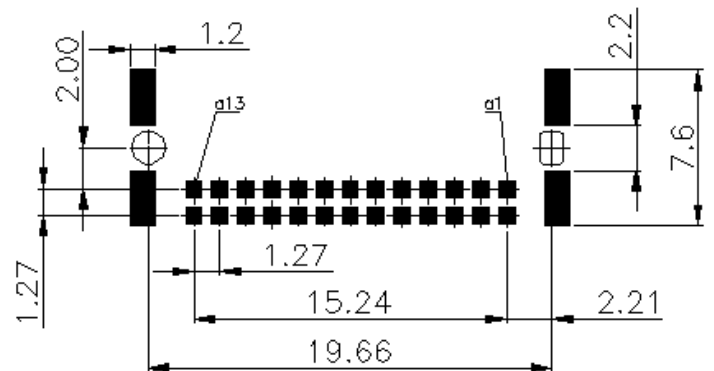
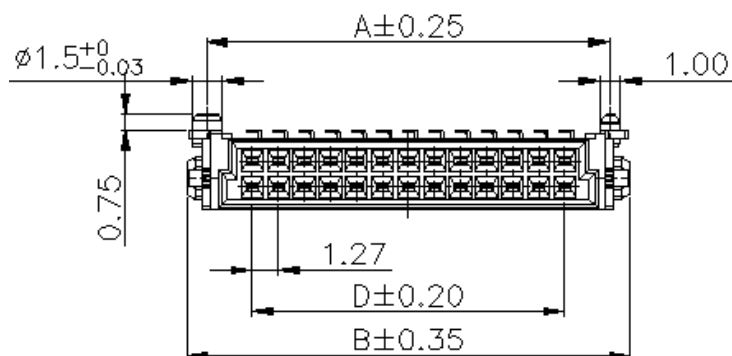
4:— No. of Positions

5:— H:Gold flash on contact;
Matte Tin on tail

6:— F:Tape&Reel



No.	Dimensiong mm			
	A	B	C	D
12	10.77	12.70	9.37	6.35
16	13.31	15.24	11.91	8.89
20	15.85	17.78	14.45	11.45
26	19.66	21.59	18.26	15.24
32	23.47	25.40	22.07	19.05
40	28.55	30.48	27.15	24.13
50	34.90	36.83	33.50	30.48
68	46.33	48.26	44.93	41.91
80	53.95	55.88	52.55	49.53



Recommended PCB Layout(Top View)

1.27mm Pitch DRC SMT Type Female

Specifications:

Material And Finish:

Insulator:LCP UL94V-0

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:up to 1.7A Per contact

Operating Temperature Range:-55~+125°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:10000M ohm min.

Withstanding Voltage:500V AC/Minute



Ordering Information

M12700CM-XXH-01-F

1 2 3 4 5 6

1:—Series No.

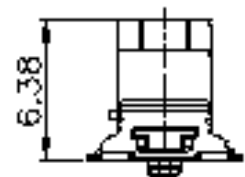
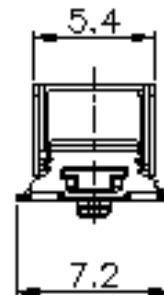
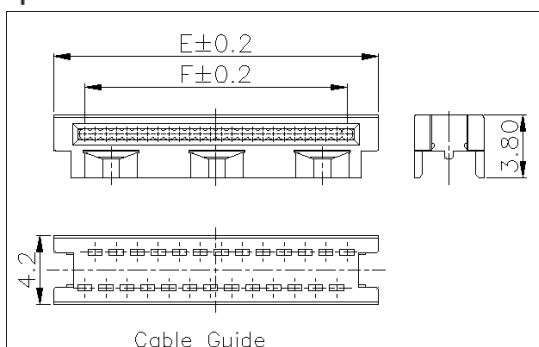
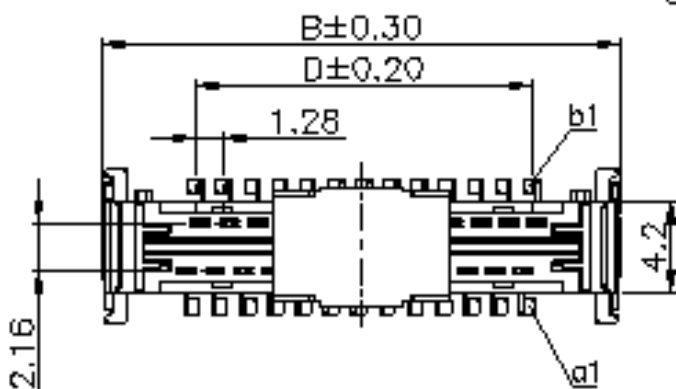
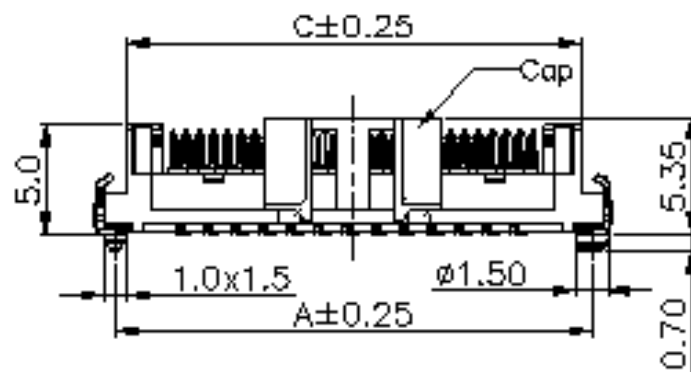
2:—C:IDC

3:—M:Female SMT Type

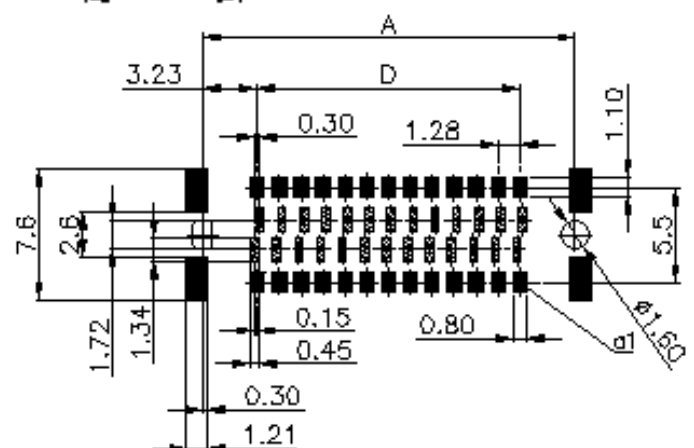
4:—No. of Positions

5:—H:Gold flash on contact;
Matte Tin on tail

6:—F:Cap In Tape&Reel



stacking height



Recommended PCB Layout(Top View)

No.	Dimensiong mm					
	A	B	C	D	E	F
12	12.77	14.70	11.78	6.35	10.78	6.98
26	21.66	23.59	20.67	15.24	19.67	15.87
50	36.90	38.83	35.91	30.48	34.91	31.11

1.27mm Pitch SMC-B Horizontal SMT Type Male

Specifications:

Material And Finish:

Insulator:LCP UL94V-0 Color:Black

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:up to 1.7A Per contact

Operating Temperature Range:-55°~+125°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:10000M ohm min.

Withstanding Voltage:500V AC/Minute



Ordering Information

M12700HM-XXH-01-G

1 23 4 5 6

1: — Series No.

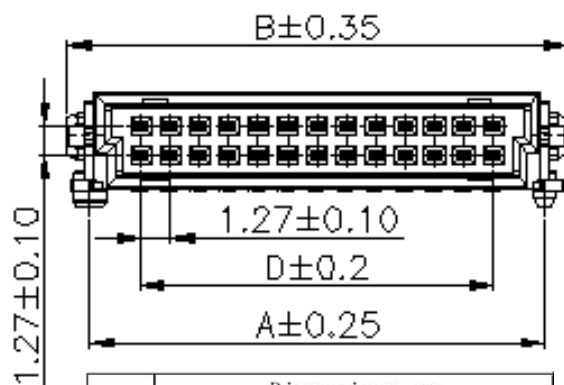
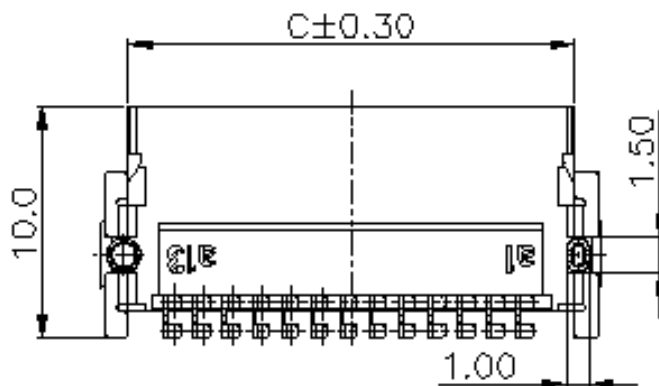
2: — H:Horizontal SMT Type

3: — M:Male

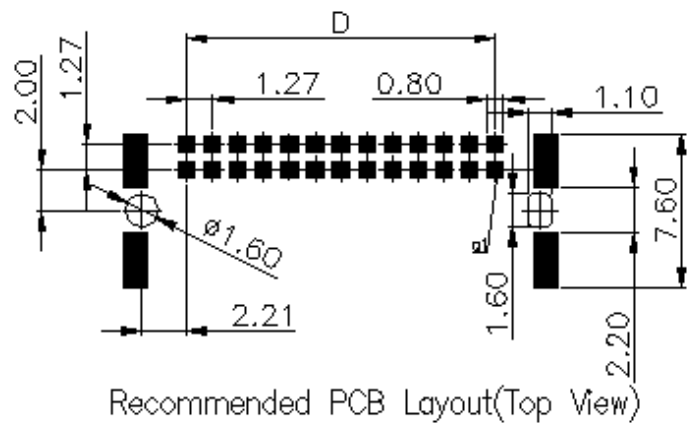
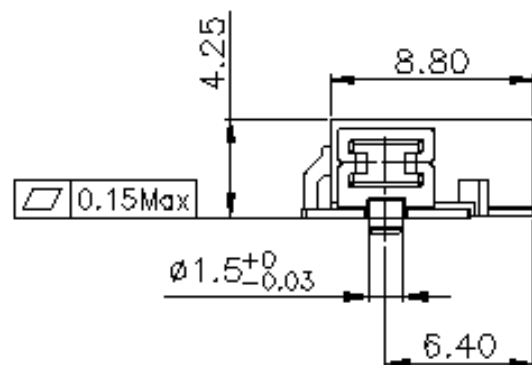
4: — No. of Positions

5: — H:Gold flash on contact;
Matte Tin on tail

6: — G:Tape&Reel



No.	Dimensiong mm			
	A	B	C	D
12	10.77	12.70	10.35	6.35
16	13.31	15.24	12.91	8.89
20	15.85	17.78	15.45	11.43
26	19.66	21.59	19.26	15.24
32	23.47	25.40	23.07	19.05
40	28.55	30.48	28.15	24.13
50	34.90	36.83	34.50	30.48
68	46.33	48.26	45.93	41.91
80	53.95	55.88	53.55	49.53



1.27mm Pitch SMC-B Horizontal Female

Specifications:

Material And Finish:

Insulator:LCP UL94V-0 Color:Black

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:up to 1.7A Per contact

Operating Temperature Range:-55°~+125°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:10000M ohm min.

Withstanding Voltage:500V AC/Minute



Ordering Information

M12700MF-XXH-XX-F
1 2 3 4 5 6 7

1:—Series No.

2:—M:SMT Type

3:—F:Female

4:—No. of Positions

5:—H:Gold flash on contact;
Matte Tin on tail

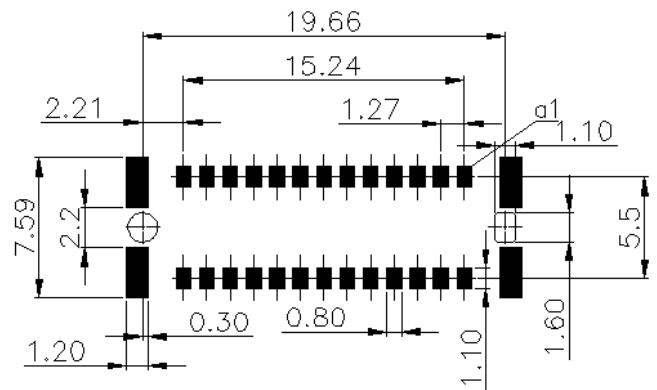
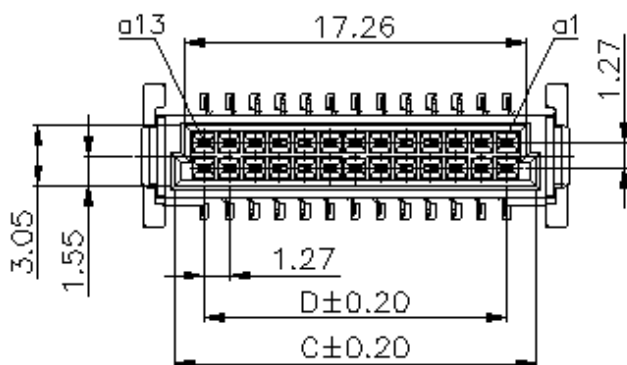
6:—01:A Type

02:B Type

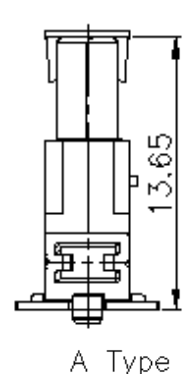
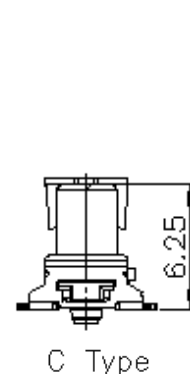
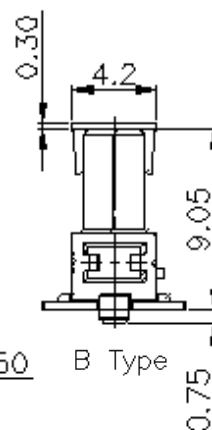
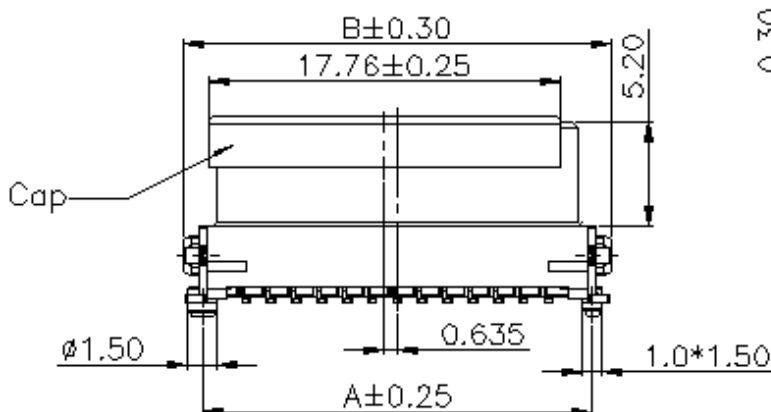
03:C Type

7:—F:W/Cap In Tape&Reel

No.	Dimensiong mm			
	A	B	C	D
12	10.77	12.70	9.37	6.35
16	13.31	15.24	11.91	8.89
20	15.85	17.78	14.45	11.43
26	19.66	21.60	18.26	15.24
32	23.47	25.40	22.07	19.05
40	28.55	30.48	27.15	24.13
50	34.90	36.80	33.50	30.48
68	46.33	48.20	44.93	41.91
80	53.95	55.80	52.55	49.53



Recommended PCB Layout(Top View)



1.27mm Pitch SMC-Q Horizontal SMT Type Male

Specifications:

Material And Finish:

Insulator:LCP UL94V-0 Color:Black

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:up to 1.7A Per contact

Operating Temperature Range:-55°~+125°C

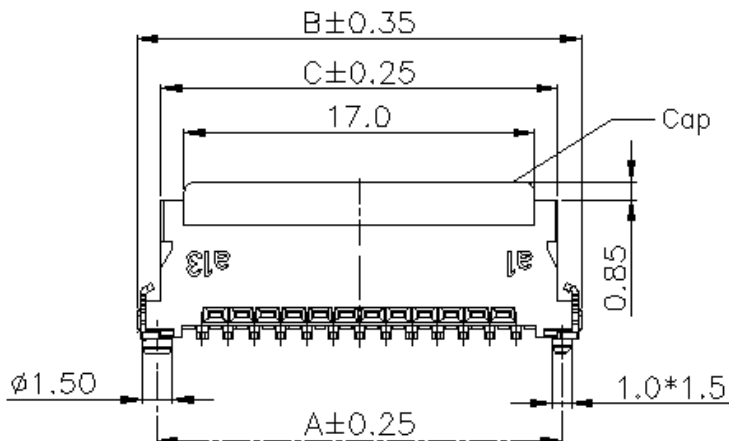
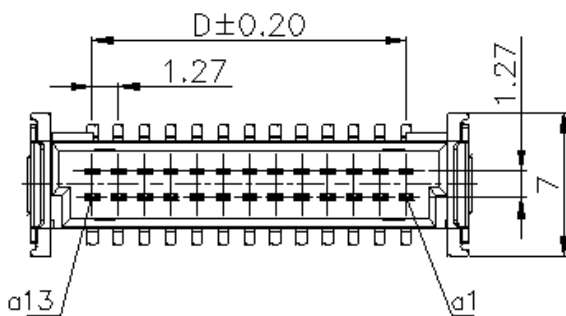
Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:10000M ohm min.

Withstanding Voltage:500V AC/Minute

No.	Dimensiong mm			
	A	B	C	D
12	10.77	12.70	10.37	6.35
16	13.31	15.24	12.91	8.89
20	15.85	17.78	15.45	11.43
26	19.66	21.59	19.26	15.24
32	23.47	25.40	23.07	19.05
40	28.55	30.48	28.15	24.13
50	34.90	36.83	34.50	30.48
68	46.33	48.26	45.93	41.91
80	53.95	55.88	53.55	49.53



Ordering Information

M12700MM-XXH-XX-F
1 2 3 4 5 6 7

1:—Series No.

2:—M:SMT Type

3:—M:Male

4:—No. of Positions

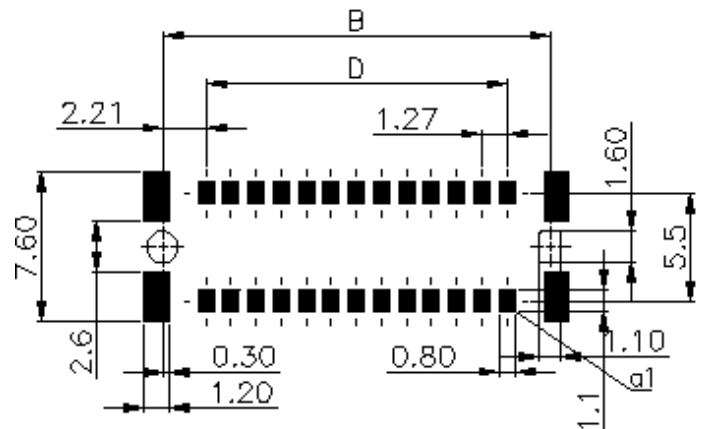
5:—H:Gold flash on contact;
Matte Tin on tail

6:—01:A Type

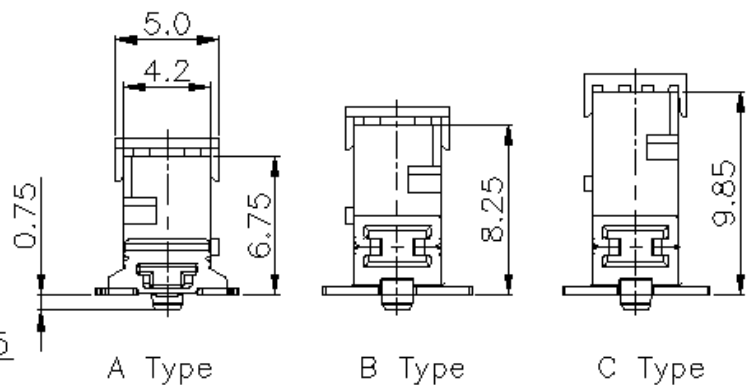
02:B Type

03:C Type

7:—F:W/Cap in Tape&Reel



Recommended PCB Layout(Top View)



1.27mm Pitch SMC-Q Straight Type Male

Specifications:

Material And Finish:

Insulator:LCP UL94V-0 Color:Black

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:up to 1.7A Per contact

Operating Temperature Range:-55°~+125°C

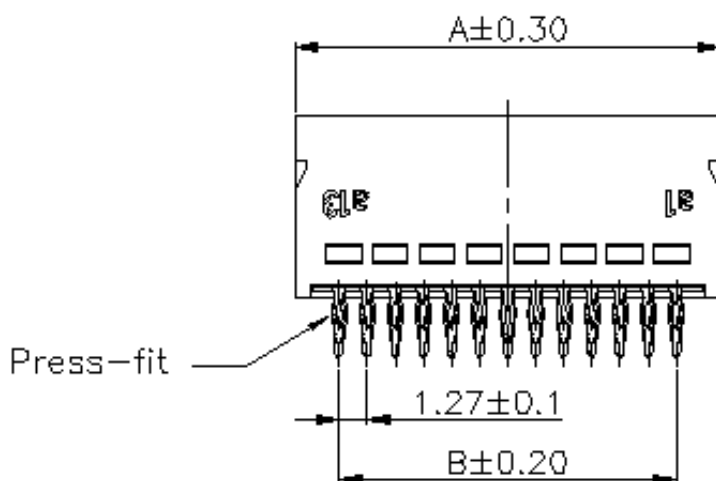
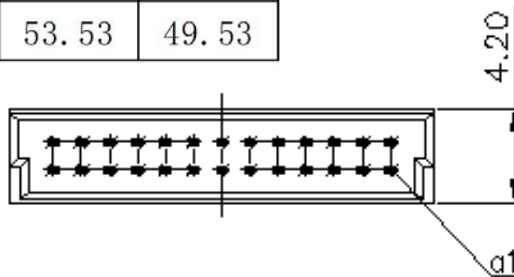
Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:10000M ohm min.

Withstanding Voltage:500V AC/Minute

No.	Dimensiong mm	
	A	B
12	10.35	6.35
26	12.94	15.24
50	34.48	30.48
68	45.91	41.91
80	53.53	49.53



Ordering Information

M12700SM-XXH-01-PB

1 23 4 5 6 7

1:— Series No.

2:— S: Straight Type

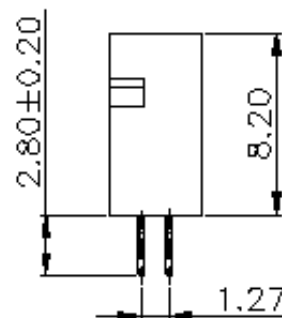
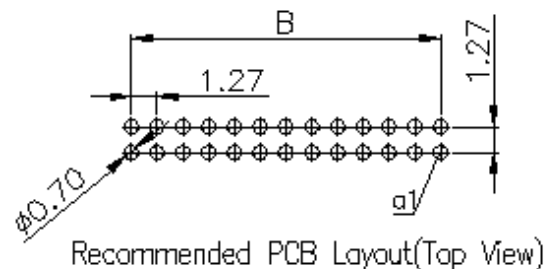
3:— M: Male

4:— No. of Positions

4:— H: Gold flash on contact;
Matte Tin on tail

6:— P: Press-fit

7:— B: In Tube



1.27mm Pitch SMC-Q Straight Type Male

Specifications:

Material And Finish:

Insulator:LCP UL94V-0

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:up to 1.7A Per contact

Operating Temperature Range:-55°~+125°C

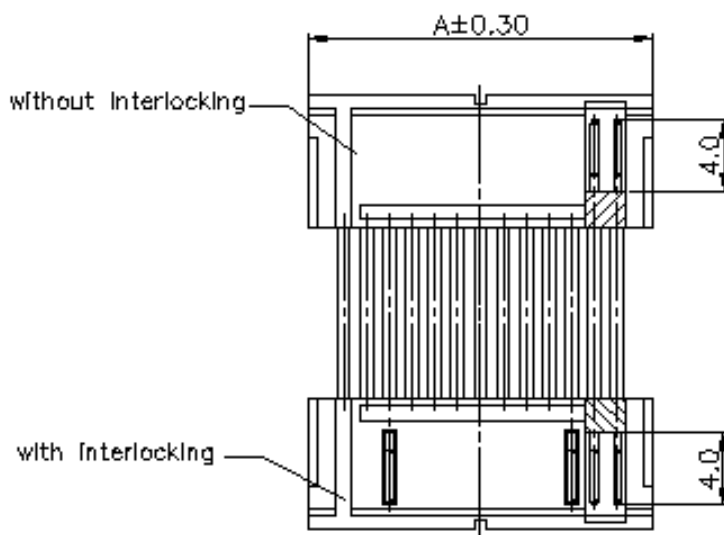
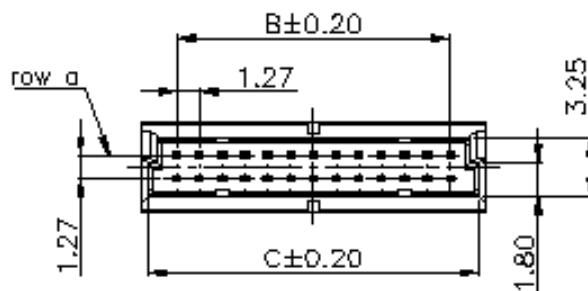
Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:10000M ohm min.

Withstanding Voltage:500V AC/Minute

No.	Dimensiong mm		
	A	B	C
12	10.37	6.35	9.57
26	19.26	15.24	18.46
50	34.50	30.48	33.70
68	45.93	41.91	45.13
80	53.55	49.53	52.75



Ordering Information

M12700SM-XXX-XX-C
1 2 3 4 5 6 7

- 1: — Series No.
- 2: — Straight Type
- 3: — M:Female
- 4: — No. of Positions
- 5: — S:Matte Tin on tail
H:Gold flash on contact;
Matte Tin on tail
- 6: — Board distance
- 7: — C:In Tray

Board distance:

Board distance	Dimensiong mm	
	D	E
20	3.5	18.2
22	5.5	20.2
24	7.5	22.2
26	9.5	24.2
28	11.5	26.2
30	13.5	28.2
32	15.5	30.2
34	17.5	32.2
36	19.5	34.2
38	21.5	36.2

