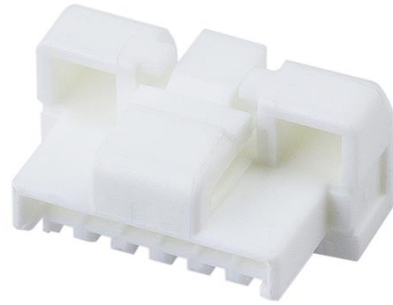
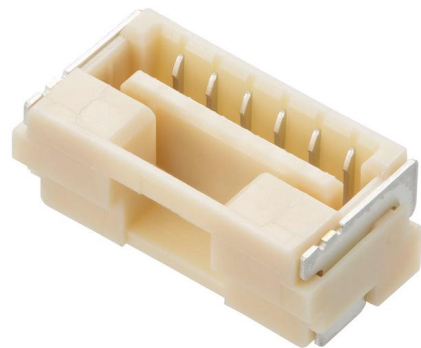


.049" (1.25mm) Pitch/Disconnectable Insulation Displacement Connectors

.049" (1.25mm) Connectors



.049" (1.25mm) Pitch SMT Wafer

Specifications:

Material And Finish:

Insulator:LCP UL94V-0

Color:Natural

TERMINAL:COPPER ALLOY

Plated:See Ordering Information

Rating:

Current Rating:1.0 Amp

Voltage Rating:50V AC/DC

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

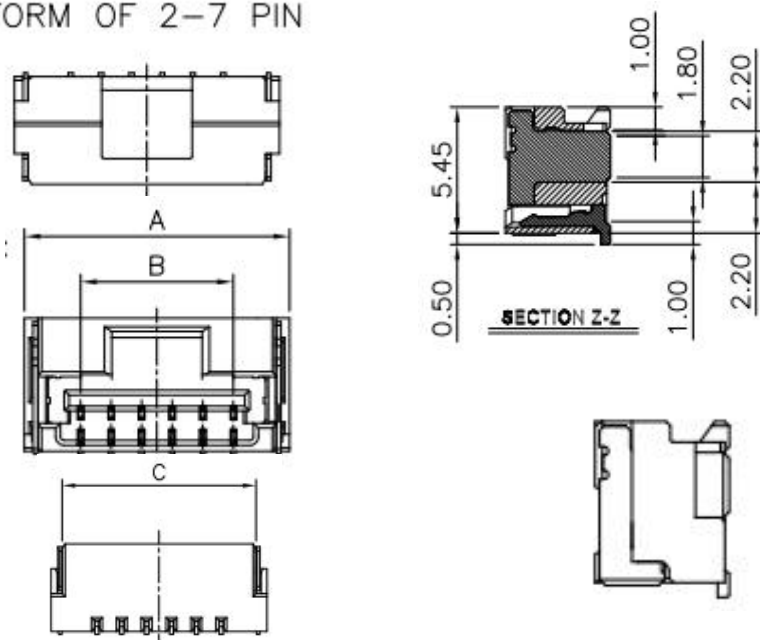
Electrical:

Contact resistance:20m Ohm Max

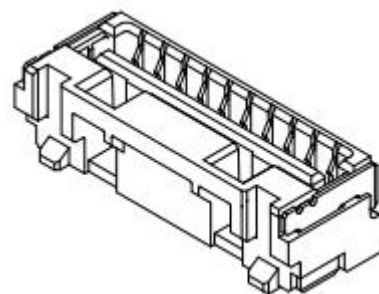
Insulator resistance:100M ohm min.

Withstanding Voltage:500V AC/Minute

FORM OF 2-7 PIN



Poles	Dimensions(mm)		
	A	B	C
02	5.85	1.25	4.75
03	7.10	2.50	6.00
04	8.35	3.75	7.25
05	9.60	5.00	8.50
06	10.85	6.25	9.75
07	12.10	7.50	11.00
08	13.35	8.75	12.25
09	14.60	10.00	13.50
10	15.85	11.25	14.75
11	17.10	12.50	16.00
12	18.35	13.75	17.25
13	19.60	15.00	18.50
14	20.85	16.25	19.75
15	22.10	17.50	21.00



Ordering Information

A12510M-XXQ-01-F

1 2 3 4 5

1: — Series No.

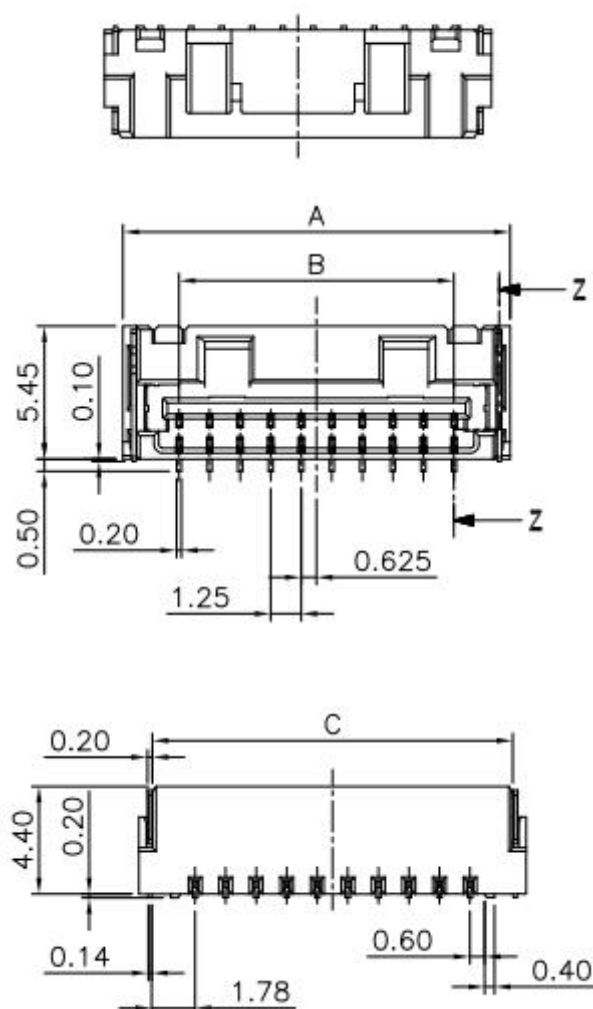
2: — M:SMT Type

3: — No. of Positions

4: — Q:Tin Plated

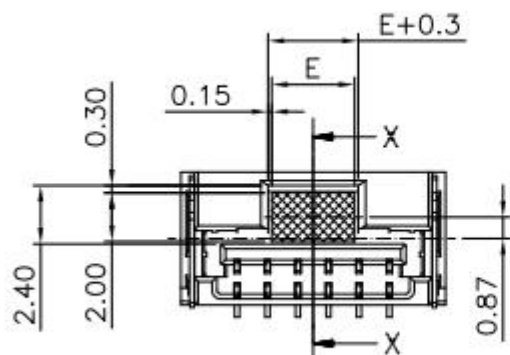
5: — F:W/Cap In Tape&Reel

FORM OF 8-15 PIN

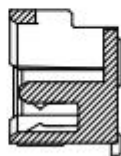


.049" (1.25mm) Pitch SMT Wafer

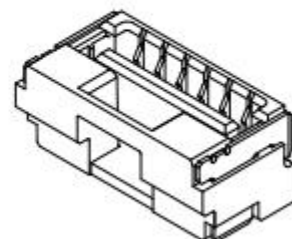
CASE OF 2-7 PIN



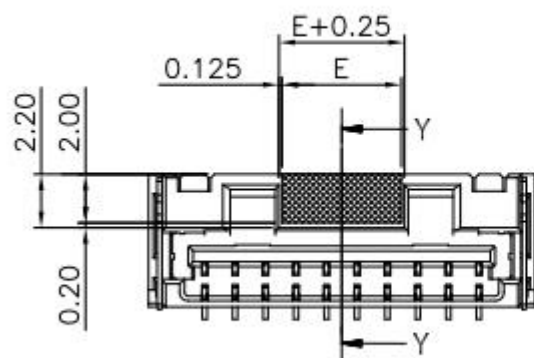
VACUUM RANGE



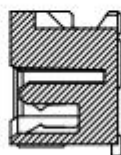
SECTION X-X



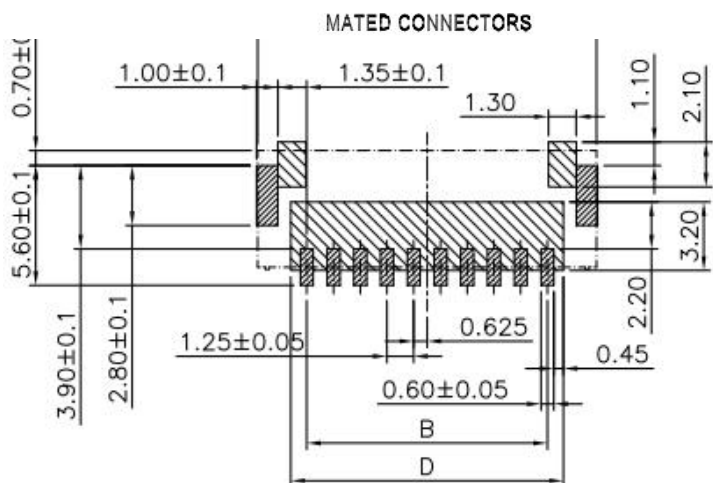
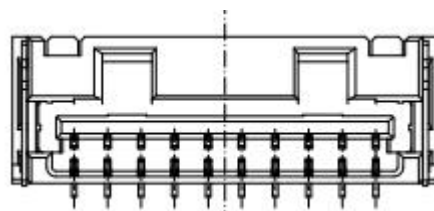
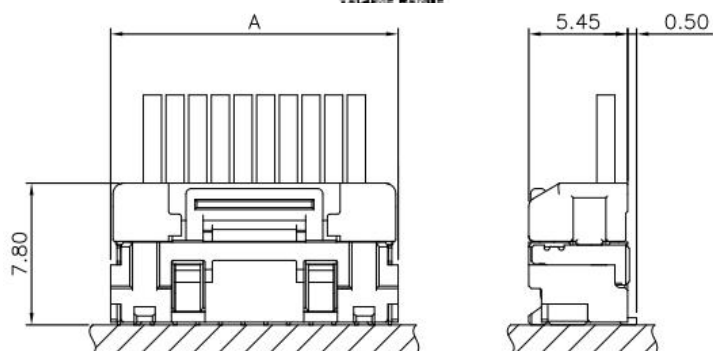
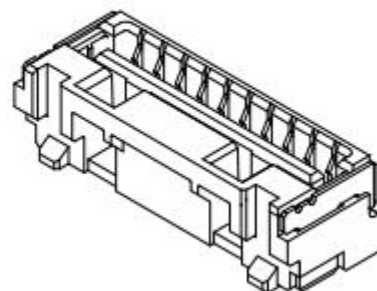
CASE OF 8-15 PIN



VACUUM RANGE



SECTION Y-Y



PCB LAYOUT

Poles	Dimensions(mm)	Dimensions(mm)
	D	E
02	2.75	2.30
03	4.00	2.70
04	5.25	3.40
05	6.50	3.40
06	7.75	3.40
07	9.00	3.40
08	10.25	2.40
09	11.50	3.65
10	12.75	4.90
11	14.00	6.15
12	15.25	7.40
13	16.50	8.65
14	17.75	9.90
15	19.00	11.15

.049" (1.25mm) Pitch SMT Wafer

Specifications:

Material And Finish:

Insulator:LCP UL94V-0

Color:Natural

TERMINAL:COPPER ALLOY

Plated: See Ordering Information

Rating:

Current Rating:1.0 Amp

Voltage Rating:50V AC/DC

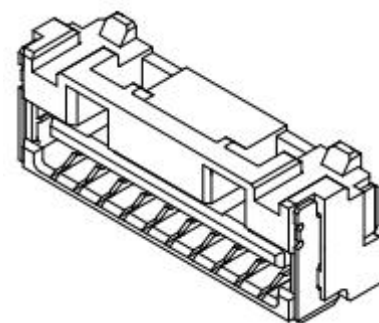
Operating Temperature Range: $-40^{\circ}\sim+105^{\circ}\text{C}$

Electrical:

Contact resistance: 20m Ohm Max

Insulator resistance:100M ohm min.

Withstanding Voltage:500V AC/Minute



Ordering Information

A12510H-XXQ-01-F

1	2	3	4	5
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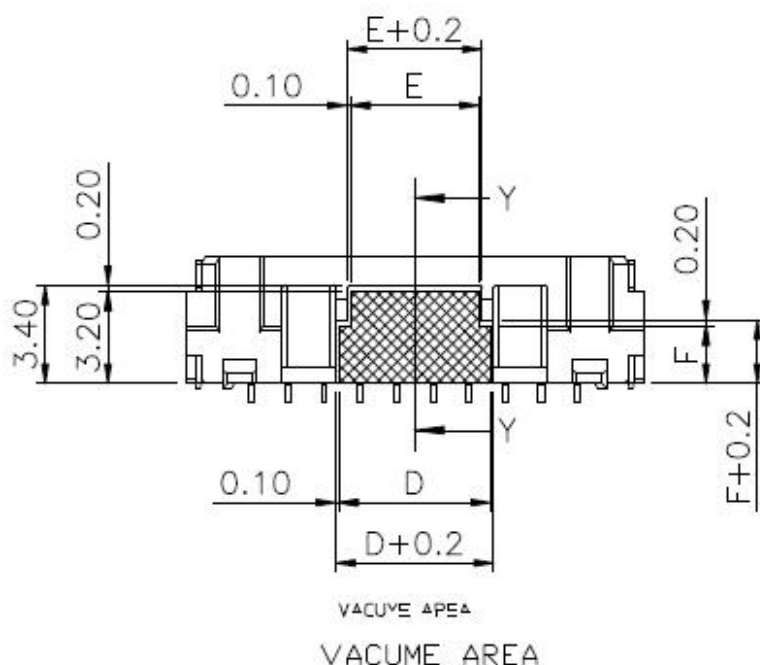
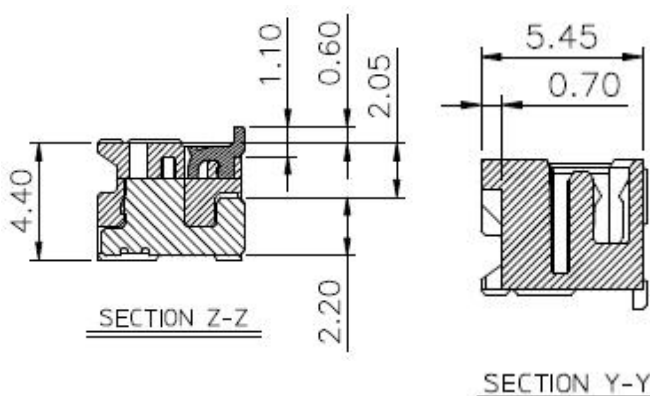
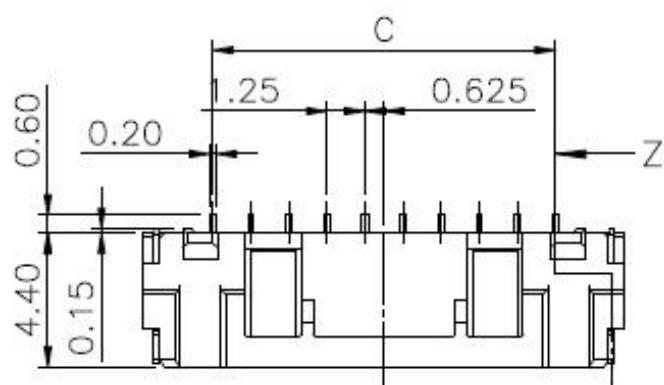
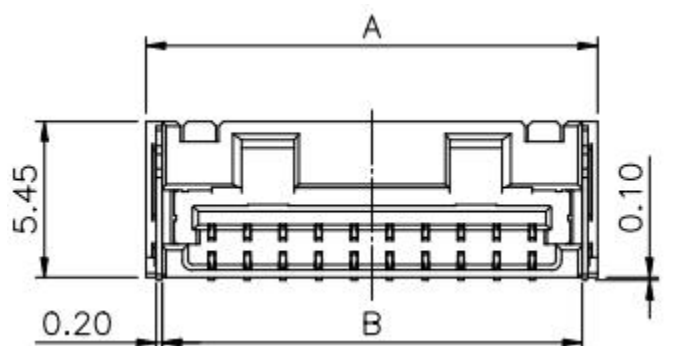
1:—Series No.

2:—H:Horizontal SMT Type

3:—No. of Positions

4:—Q: Tin Plated

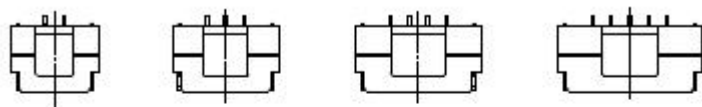
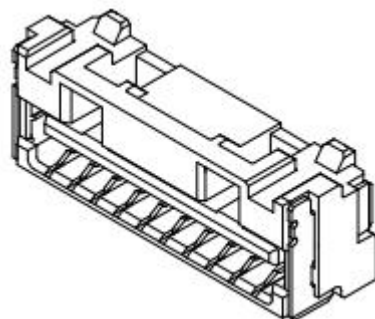
5:—F:W/Cap In Tape&Reel



Poles	Dimensions(mm)					
	A	B	C	D	E	F
02	5.85	4.75	1.25			
04	8.35	7.25	3.75			
06	10.85	9.75	6.25			
08	13.35	12.25	8.75	2.75	1.95	2.60
09	14.60	13.50	10.00	4.00	3.20	2.00
10	15.85	14.75	11.25	5.25	4.45	2.00
11	17.10	16.00	12.50	6.50	5.70	2.00
12	18.35	17.25	13.75	7.75	6.95	2.00
13	19.60	18.50	15.00	9.00	8.20	2.00
14	20.85	19.75	16.25	10.25	9.45	2.00
15	22.10	21.00	17.50	11.50	10.70	2.00

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http://www.hjbright.com

.049" (1.25mm) Pitch SMT Wafer

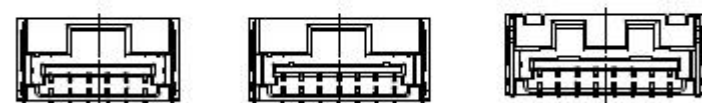
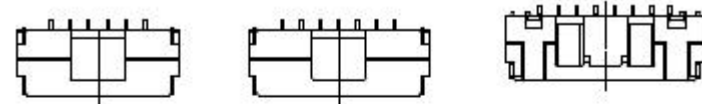


2PIN

3PIN

4PIN

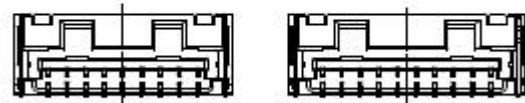
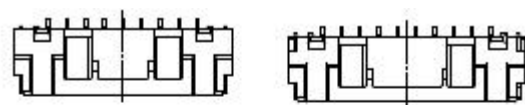
5PIN



6PIN

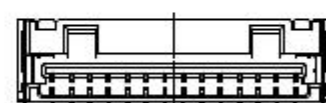
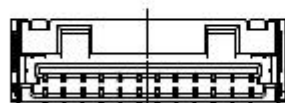
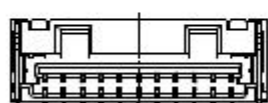
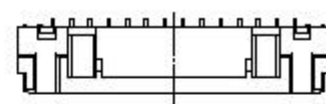
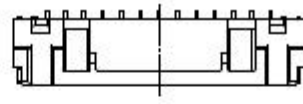
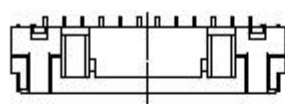
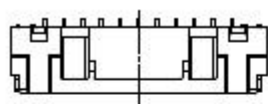
7PIN

8PIN



9PIN

10PIN

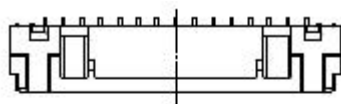


11PIN

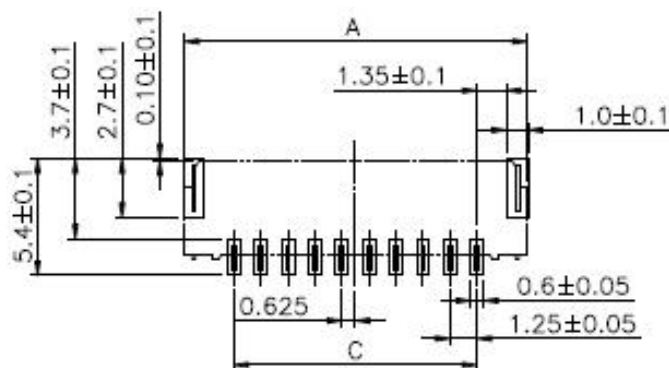
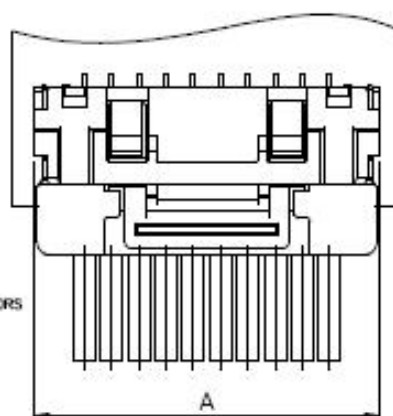
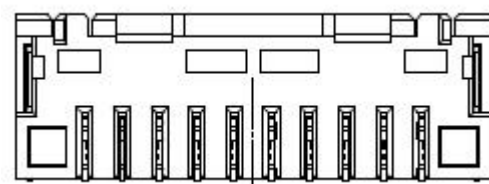
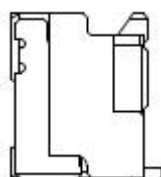
12PIN

13PIN

14PIN



15PIN



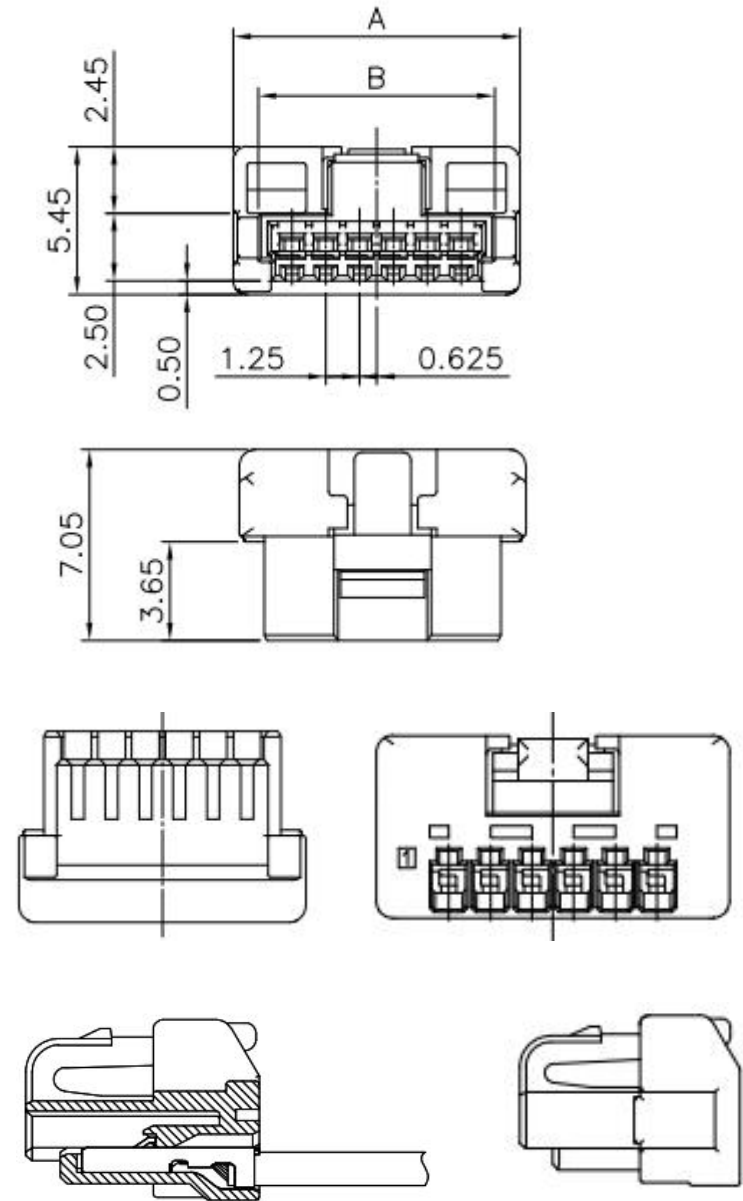
RECOMMENDED PCB PATTERN LAYOUT (REF)

.049" (1.25mm) Pitch Housing

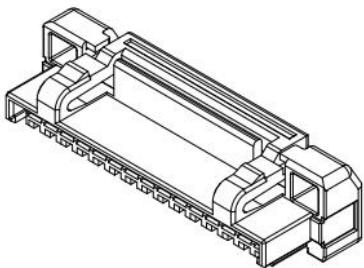
Specifications:
Material And Finish:
Insulator:PBT/PA66 UL94V-0
Color:Natural

Rating:
Current Rating:1.0 Amp
Voltage Rating:50V AC/DC
Operating Temperature Range:-40~+105°C

Electrical:
Contact resistance:20m Ohm Max
Insulator resistance:100M ohm min.
Withstanding Voltage:500V AC/Minute

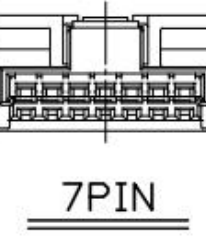
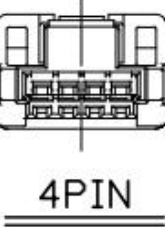
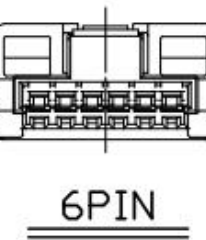
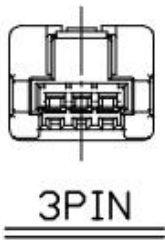
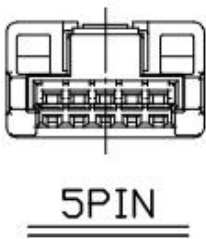


TERMINAL ASSEMBLY DRAWING



Ordering Information
H12510-XXP-01-XA

- 1: — Series No.
2: — No. of Positions
3: — P:PBT
L:PA66
4: — A:IN BAG



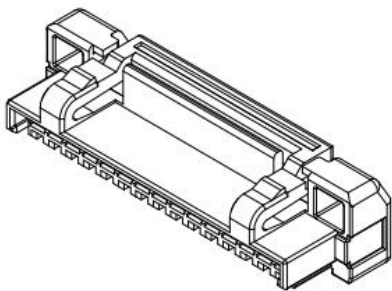
Poles	Dimensions(mm)	
	A	B
02	5.60	3.75
03	6.85	5.00
04	8.10	6.25
05	9.35	7.50
06	10.60	8.75
07	11.85	10.00

.049" (1.25mm) Pitch Housing

Specifications:
Material And Finish:
Insulator:PBT/PA66 UL94V-0
Color:Natural

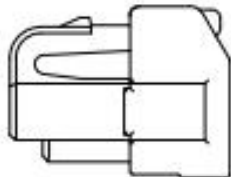
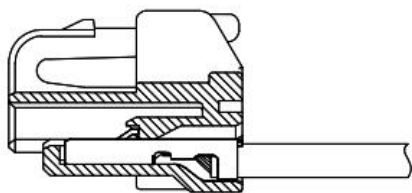
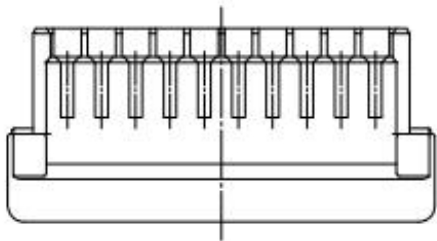
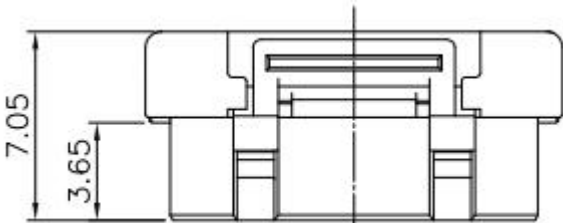
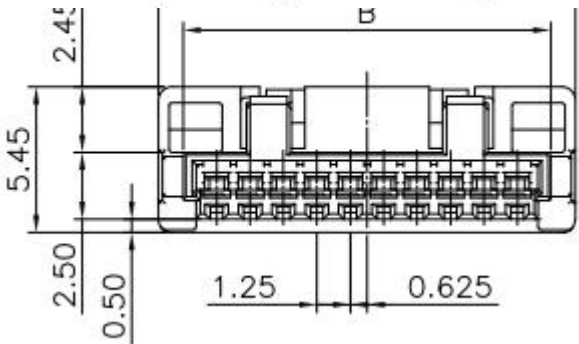
Rating:
Current Rating:1.0 Amp
Voltage Rating:50V AC/DC
Operating Temperature Range:-40°~+105°C

Electrical:
Contact resistance:20m Ohm Max
Insulator resistance:100M ohm min.
Withstanding Voltage:500V AC/Minute

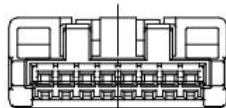


Ordering Information
H12510-XXP-01-XA
1 2 3 4

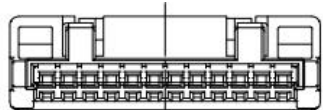
- 1: — Series No.
2: — No. of Positions
3: — P:PBT
L:PA66
4: — A:IN BAG



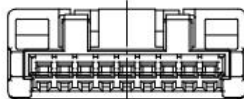
TERMINAL ASSEMBLY DRAWING



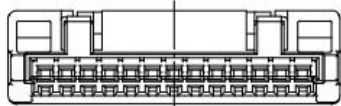
8PIN



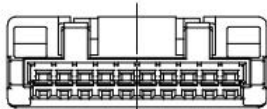
12PIN



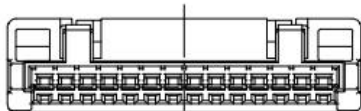
9PIN



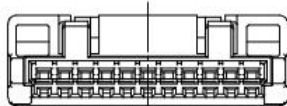
13PIN



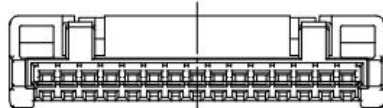
10PIN



14PIN



11PIN



15PIN

Poles	Dimensions(mm)	
	A	B
08	13.10	11.25
09	14.35	12.50
10	15.60	13.75
11	16.85	15.00
12	18.10	16.25
13	19.35	17.50
14	20.60	18.75
15	21.85	20.00

.049" (1.25mm) Pitch Terminal

Specifications:

Material And Finish:

Contact: Copper alloy

Rating:

Current Rating: 1.0 Amp

Voltage Rating: 50V AC/DC

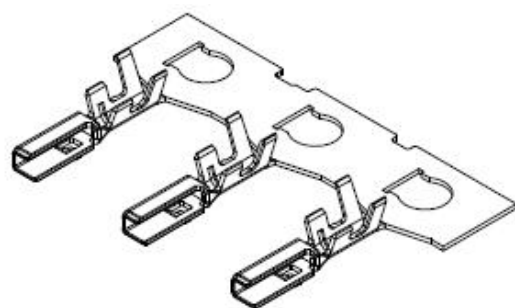
Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 20m Ohm Max

Insulator resistance: 100M ohm min.

Withstanding Voltage: 500V AC/Minute



Ordering Information

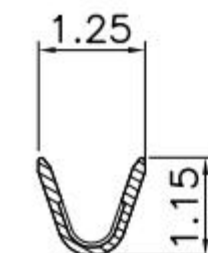
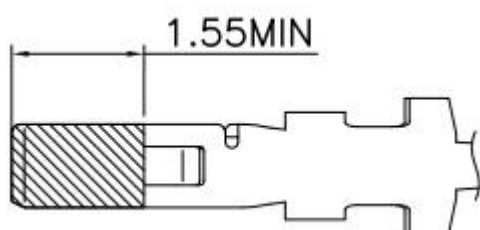
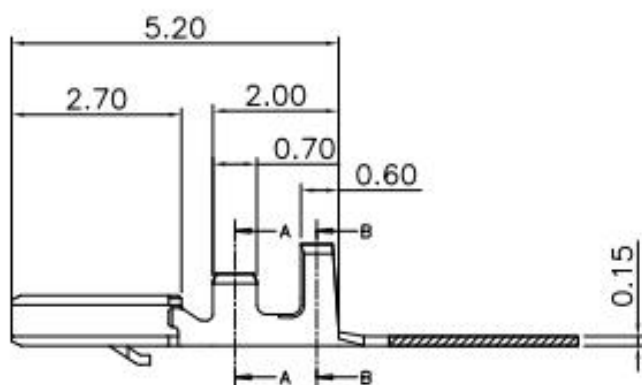
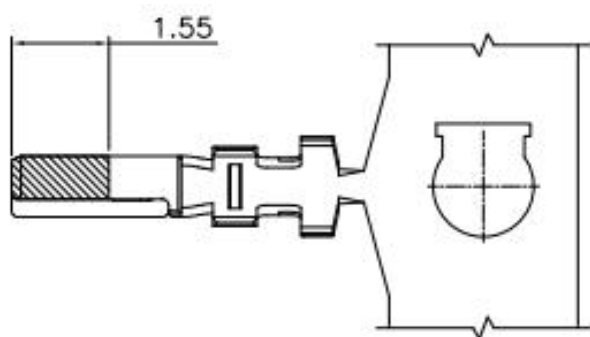
H12510T-PQ

1 2 3

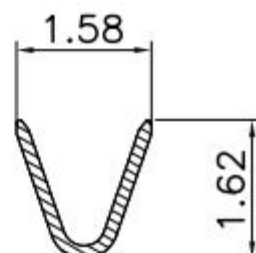
1: — Series No.

2: — T: Terminal

3: — Q: Tin Plated



SECTION A-A



SECTION B-B

