

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

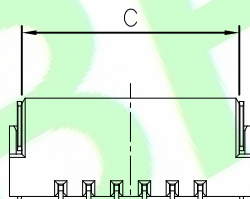
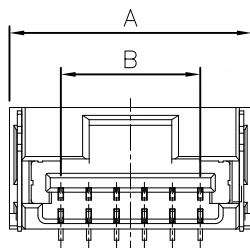
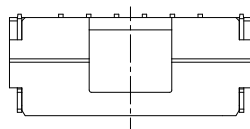
Ordering Information

A12510M-XXQ-01-F

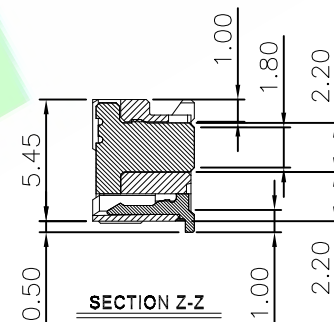
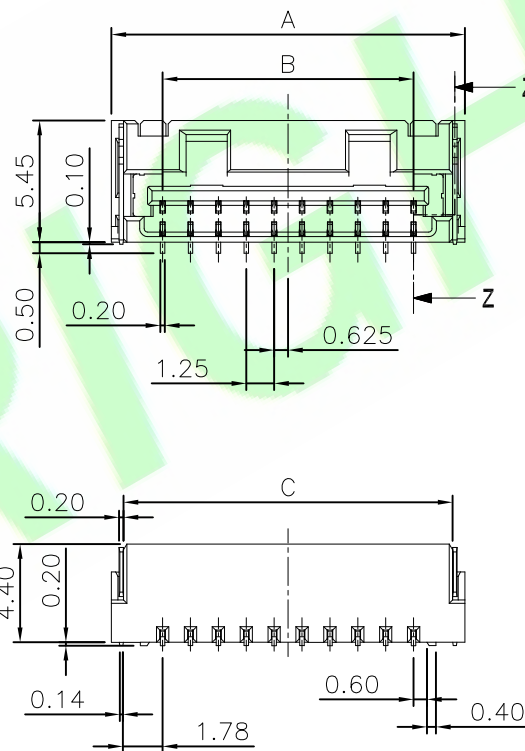
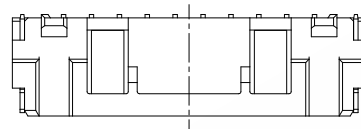
1 2 3 4 5

- 1:— Series No.
2:— M:SMT Type
3:— No. of Positions
4:— Q: Tin Plated
5:— F:W/Cap In Tape&Reel

FORM OF 2-7 PIN



FORM OF 8-15 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

5X			
4X			
3X			
2X	Update code options	Judyyan	20230724
1X	ORIGINAL	Samson	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY.: Samson
CHKD.: Tony
APPD.: Billy

GENERAL TOLERANCE:	
LINEAR	ANGLES
X.: ±5.0°	X': ±5.0°
X.X: ±0.30	X.X': ±3.0°
X.XX: ±0.20	X.XX': ±2.0°
X.XXX: ±0.10	X.XXX': ±1.0°

PART NO : A12510M-XXQ-01-F
DWG. NO.:
TITLE : 1.25mm Pitch SMT Type Commtctors
DATE: 10-Oct-2017

HJBRIGHT® 东莞市華晶電子有限公司
BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

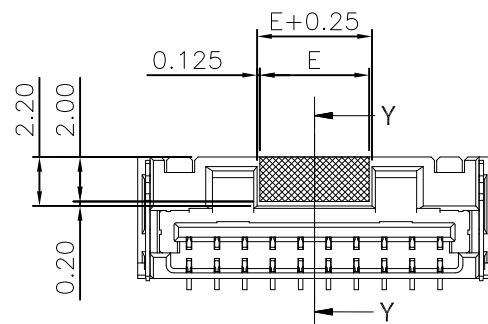
SHEET: 1/3
SCALE: 1:1
UNIT: mm



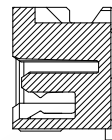
THIRD ANGLE PROJECTION

A4

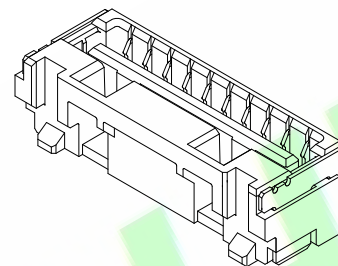
CASE OF 8-15 PIN



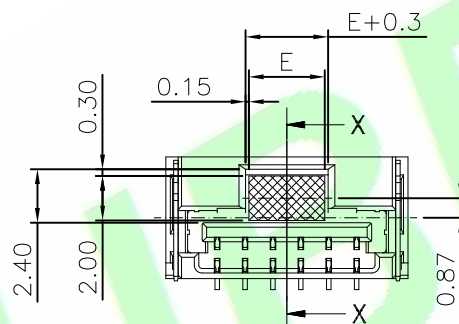
VACUME RANGE



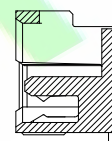
SECTION Y-Y



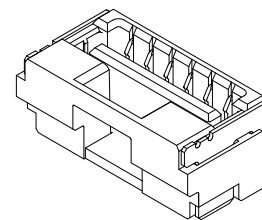
CASE OF 2-7 PIN



VACUME RANGE



SECTION X-X



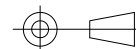
Poles	Dimensions(mm)
	E
02	2.30
03	2.70
04	3.40
05	3.40
06	3.40
07	3.40
08	2.40
09	3.65
10	4.90
11	6.15
12	7.40
13	8.65
14	9.90
15	11.15

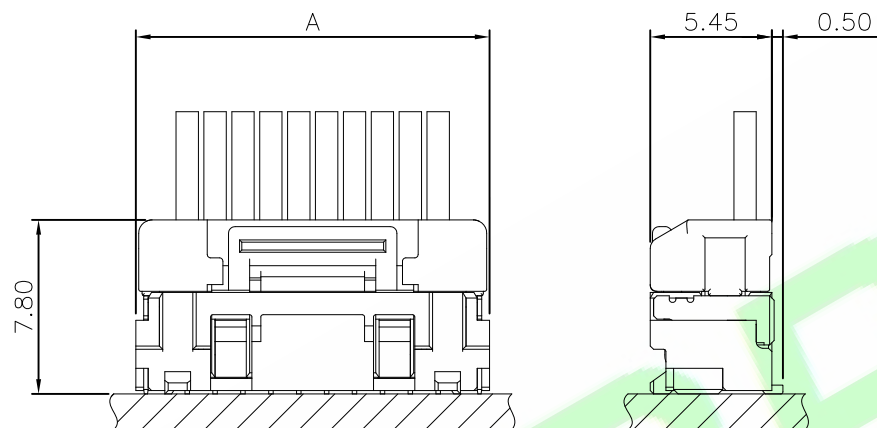
5X			
4X			
3X			
2X	Update code options	Judyyan	20220615
1X	ORIGINAL	Samson	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY.: Samson
CHKD.: Tony
APPD.: Billy

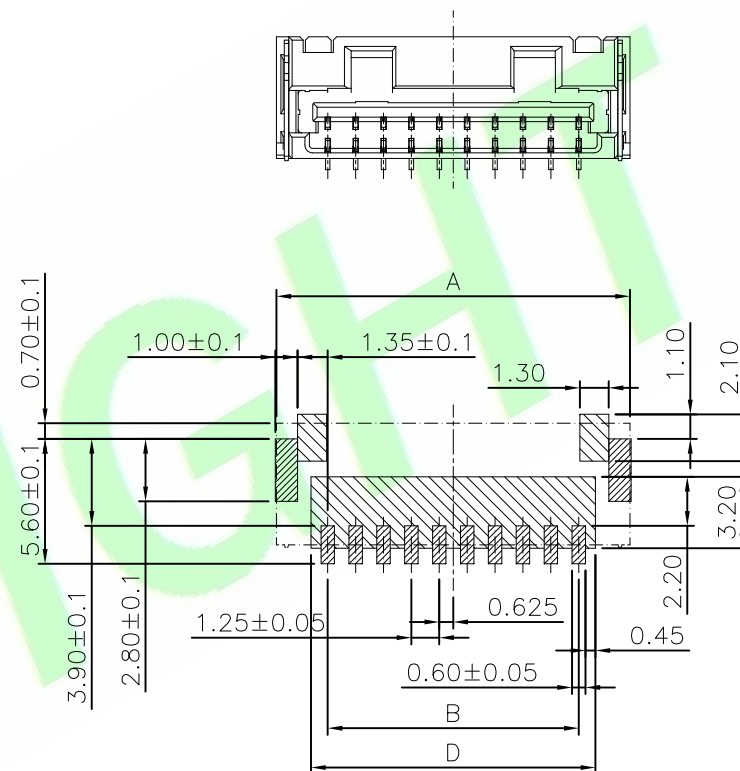
GENERAL TOLERANCE:	
LINEAR	ANGLES
X.: ±0.30	X': ±5.0°
X.X: ±0.20	X.X': ±3.0°
X.XX: ±0.10	X.XX': ±2.0°
X.XXX: ±0.10	X.XXX': ±1.0°

PART NO : A12510M-XXQ-01-F
DWG. NO.:
TITLE : 1.25mm Pitch SMT Type Commtctors
DATE: 10-Oct-2017

HJBRIGHT ® 東莞市華晶電子有限公司		BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED	
SHEET: 3/3		A4	
SCALE: 1:1			
UNIT: mm			
THIRD ANGLE PROJECTION			



MATED CONNECTORS



PCB LAYOUT

Poles	Dimensions(mm)
	D
02	2.75
03	4.00
04	5.25
05	6.50
06	7.75
07	9.00
08	10.25
09	11.50
10	12.75
11	14.00
12	15.25
13	16.50
14	17.75
15	19.00

5X			
4X			
3X			
2X	Update code options	Judyyan	20220615
1X	ORIGINAL	Samson	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY.: Samson
CHKD.: Tony
APPD.: Billy

GENERAL TOLERANCE:	
LINEAR	ANGLES
X.: ±0.30	X': ±5.0°
X.X: ±0.20	X.X': ±3.0°
X.XX: ±0.10	X.XX': ±2.0°
X.XXX: ±0.10	X.XXX': ±1.0°

PART NO : A12510M-XXQ-01-F
DWG. NO.:
TITLE : 1.25mm Pitch SMT Type Commtctors
DATE: 10-Oct-2017

HJBRIGHT® 東莞市華晶電子有限公司
BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 2/3
SCALE: 1:1
UNIT: mm



THIRD ANGLE PROJECTION

A4