

1 RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS01629	New Version Release	Jenny	2024-08-05

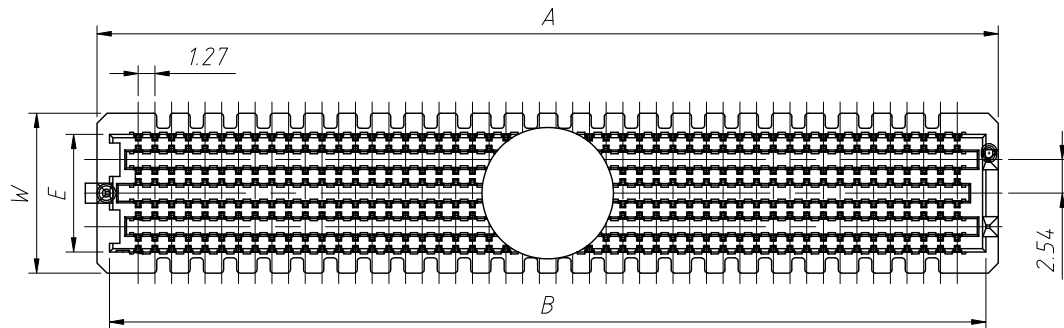
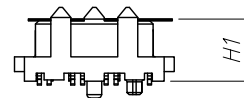


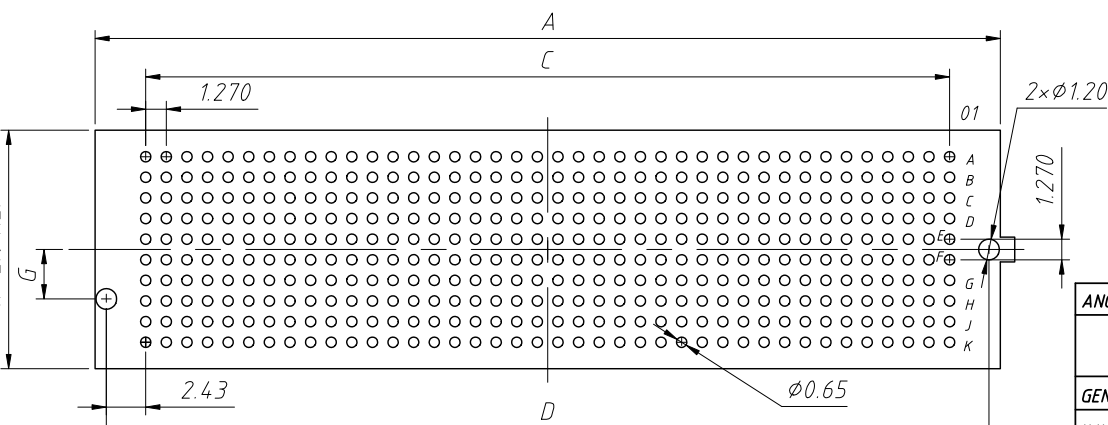
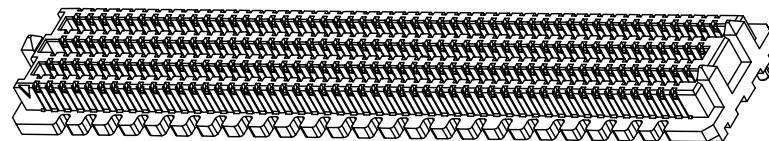
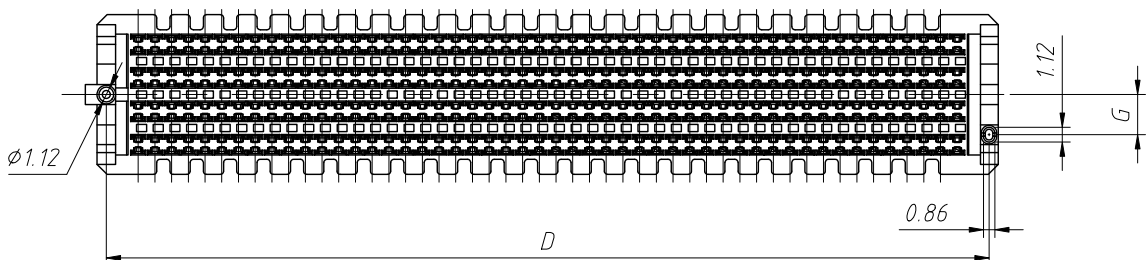
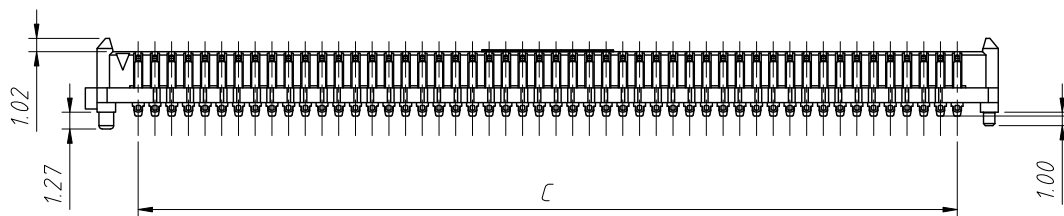
Table 4

Position	Coplanarity
10 Pin	0.15
30 Pin	0.20
40 Pin	0.23
50 Pin	0.23

Table 4



Item	H1
L-KLS1-B0113-561MXX	5.61
L-KLS1-B0113-660MXX	6.60
L-KLS1-B0113-711MXX	7.11
L-KLS1-B0113-912MXX	9.12
L-KLS1-B0113-1012MXX	10.12
L-KLS1-B0113-1062MXX	10.62
L-KLS1-B0113-1262MXX	12.62
L-KLS1-B0113-1461MXX	14.61
L-KLS1-B0113-1662MXX	16.62

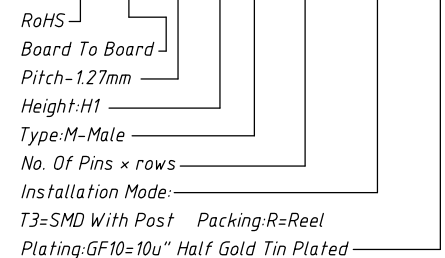


Recommended PC Board Pattern Top View (Table 5)

Material:
 Insulator: LCP, UL 94V-0, Black
 Contact: Copper Alloy
 Plating: 10u" Half Gold Tin Plated
 Electric:
 Current Rating: 1.0A
 Voltage Rating: 240VAC
 Withstanding Voltage: 700V AC/minute
 Operating Temperature: -55°C ~ +125°C
 Operating Humidity Range: 90% to 95%

Order Information

L-KLS1-B0113-XX M XX×X-T3R-GF10



ANGLE TOLERANCE	PROJECTION	Description:
±3°		1.27mm Board To Board Plug
GENERAL TOLERANCE	UNITS	mm
x.x ±0.30	SHEET SIZE	A4
x.xx ±0.20	Draw:	Jenny
x.xxx ±0.10	Check:	Daniel



NingBo KLS ELECTRONIC CO.,L TD.

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Mating Height Dimension

P/N Plug	P/N Socket	Matting Height
B0113-561M	B0113-505F	7.00
B0113-660M		8.00
B0113-711M		8.50
B0113-1012M		11.50
B0113-1062M		12.00
B0113-1262M		14.00
B0113-1461M		16.00
B0113-1662M		18.00
B0113-561M		B0113-605F
B0113-660M	9.00	
B0113-711M	9.50	
B0113-1012M	12.50	
B0113-1062M	13.00	
B0113-1262M	15.00	
B0113-1461M	17.00	
B0113-1662M	19.00	
B0113-561M	B0113-655F	
B0113-660M		9.50
B0113-711M		10.00
B0113-912M		12.00
B0113-1012M		13.00
B0113-1062M		13.50
B0113-1262M		15.50
B0113-1461M		17.50
B0113-1662M		19.50
B0113-561M	B0113-754F	9.50
B0113-660M		10.50
B0113-711M		11.00
B0113-1012M		14.00
B0113-1062M		14.50
B0113-1262M		16.50
B0113-1461M		18.50
B0113-1662M		20.50

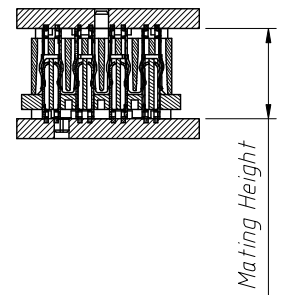


Table 2

Rows	W	G	E
4	7.06	2.01	3.86
5 Or 6	9.60	3.05	6.40
8	12.14	3.05	8.94
10	14.68	3.05	11.48
12	17.22	3.05	14.02
14	19.76	3.05	16.56

Table 3

No Of Rows	A	B	C	D
10	17.68	15.80	11.43	16.28
15	24.03	22.15	17.78	22.63
19	29.11	27.23	22.86	27.71
20	30.38	28.50	24.13	28.98
25	36.73	34.85	30.48	35.33
30	43.08	41.20	36.83	41.68
40	55.78	53.90	49.53	54.38
50	68.48	66.60	62.23	67.08

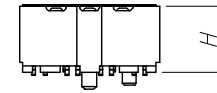
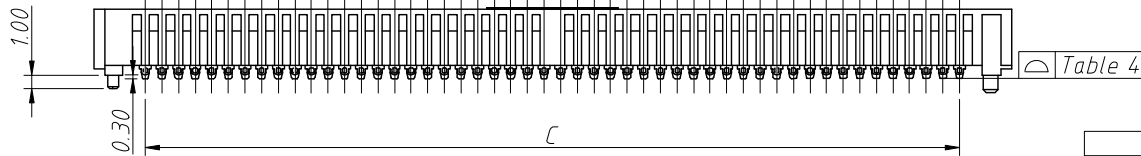
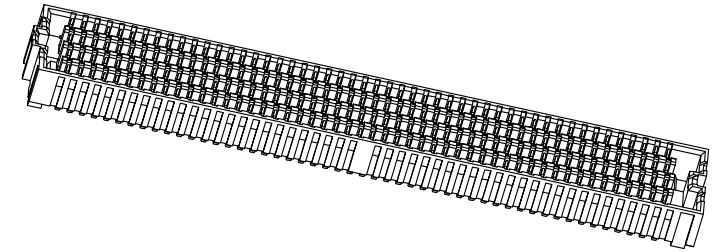
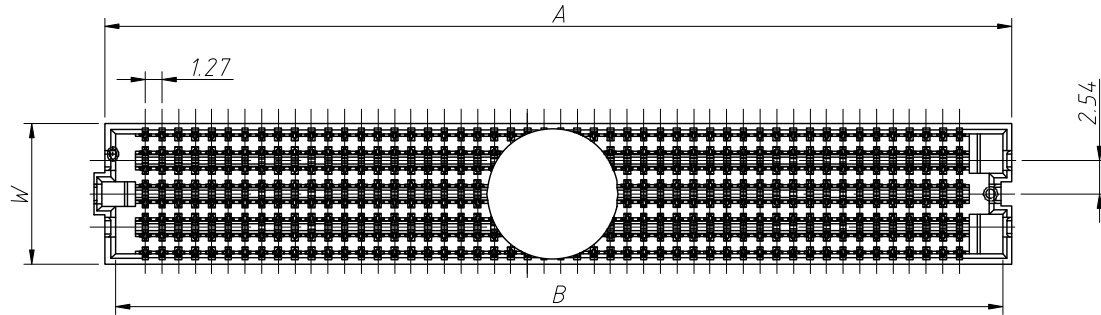
Table 5

No of rows	A	B	D
10	17.68	15.80	16.28
15	24.03	22.15	22.63
19	29.11	27.23	27.71
20	30.38	28.50	28.98
25	36.73	34.85	35.33
30	43.08	41.20	41.68
40	55.78	53.90	54.38
50	68.48	66.60	67.08

ANGLE TOLERANCE	PROJECTION	Description:	1.27mm Board To Board Plug	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-B0113-XX M XX×X-T3R-GF10
x.x ±0.30	SHEET SIZE	A4	2 of 2	NingBo KLS ELECTRONIC CO.,L TD.
x.xx ±0.20	Draw:	Jenny	2024-08-05	
x.xxx ±0.10	Check:	Daniel	2024-08-05	

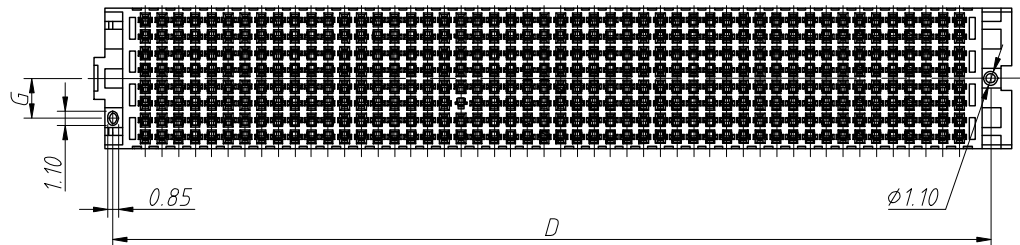
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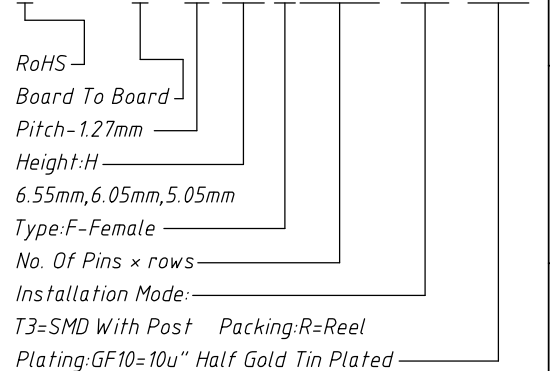
ITEM	H
L-KLS1-B0113-505FXX	5.05
L-KLS1-B0113-605FXX	6.05
L-KLS1-B0113-655FXX	6.55
L-KLS1-B0113-754FXX	7.54

Position	Coplanarity
10 Pin	0.15
30 Pin	0.20
40 Pin	0.23
50 Pin	0.23

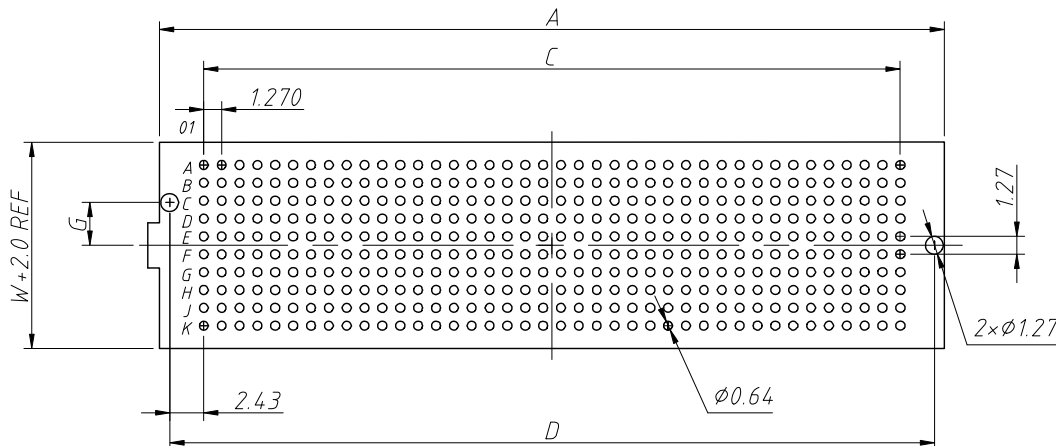


Order Information

L-KLS1-B0113-XX F XX×X-T3R-GF10



Material:
 Insulator:LCP,UL94V-0,Black
 Contact:Copper Alloy
 Plating:10u" Half Gold Tin Plated
 Electric:
 Current Rating:1.0A
 Voltage Rating:240VAC
 Withstanding Voltage:700V AC/minute
 Operating Temperature:-55°C ~ +125°C
 Operating Humidity Range:90% to 95%



Recommended PC Board Pattern Top View

ANGLE TOLERANCE	PROJECTION	Description:
$\pm 3^\circ$		1.27mm Board To Board Socket
GENERAL TOLERANCE	UNITS	mm
x.x	± 0.30	SHEET SIZE
x.xx	± 0.20	Draw:
x.xxx	± 0.10	Check:
KLS P/N:		L-KLS1-B0113-XX F XX×X-T3R-GF10
Date:		2024-08-05
Checked:		Daniel



NingBo KLS ELECTRONIC CO.,L TD.

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Mating Height Dimension

P/N Plug	P/N Socket	Matting Height
B0113-561M	B0113-505F	7.00
B0113-660M		8.00
B0113-711M		8.50
B0113-1012M		11.50
B0113-1062M		12.00
B0113-1262M		14.00
B0113-1461M		16.00
B0113-1662M		18.00
B0113-561M	B0113-605F	8.00
B0113-660M		9.00
B0113-711M		9.50
B0113-1012M		12.50
B0113-1062M		13.00
B0113-1262M		15.00
B0113-1461M		17.00
B0113-1662M		19.00
B0113-561M	B0113-655F	8.50
B0113-660M		9.50
B0113-711M		10.00
B0113-912M		12.00
B0113-1012M		13.00
B0113-1062M		13.50
B0113-1262M		15.50
B0113-1461M		17.50
B0113-1662M	19.50	
B0113-561M	B0113-754F	9.50
B0113-660M		10.50
B0113-711M		11.00
B0113-1012M		14.00
B0113-1062M		14.50
B0113-1262M		16.50
B0113-1461M	18.50	
B0113-1662M	20.50	

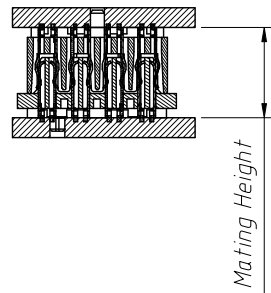


Table 2

Rows	W	G
4	5.66	2.01
5 Or 6	8.20	3.05
8	10.74	3.05
10	13.28	3.05
12	15.82	3.05
14	18.36	3.05

Table 3

No Of Rows	A	B	C	D
10	18.52	17.02	11.43	16.28
15	24.87	23.37	17.78	22.63
19	29.95	28.45	22.86	27.71
20	31.22	29.72	24.13	28.98
25	37.57	36.07	30.13	35.33
30	43.92	42.42	36.83	41.68
40	56.62	55.12	49.53	54.38
50	69.32	67.82	62.23	67.08

ANGLE TOLERANCE	PROJECTION	Description:	
±3°			1.27mm BoardTo Board Socket
GENERAL TOLERANCE	UNITS	mm	KLS P/N: L-KLS1-B0113-XX F XX×X-T3R-GF10
x.x ±0.30	SHEET SIZE	A4	2 of 2
x.xx ±0.20	Draw:	Jenny	2024-08-05
x.xxx ±0.10	Check:	Daniel	2024-08-05



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