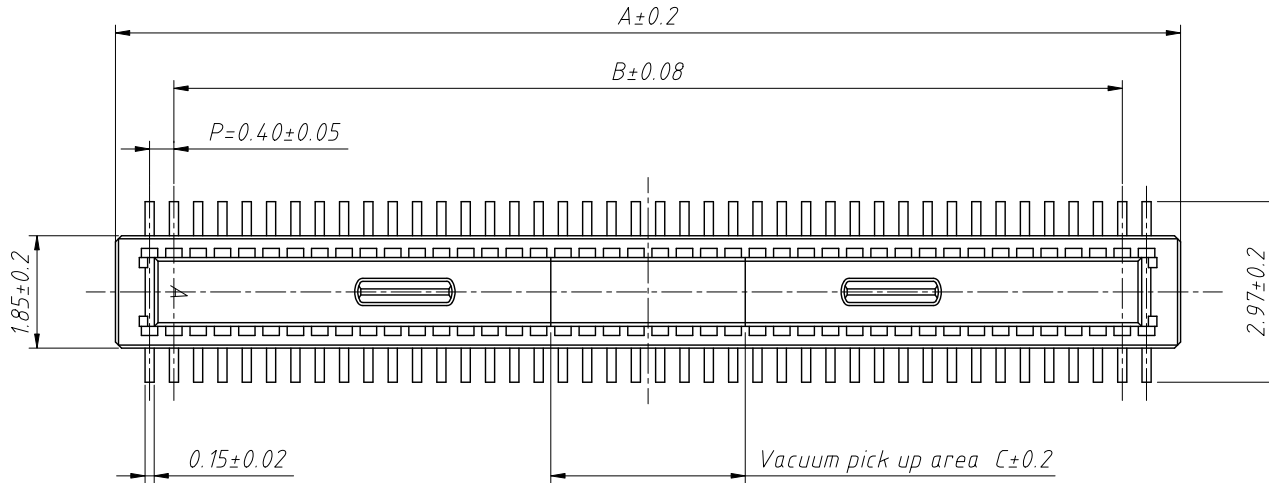


1 RoHS Compliance

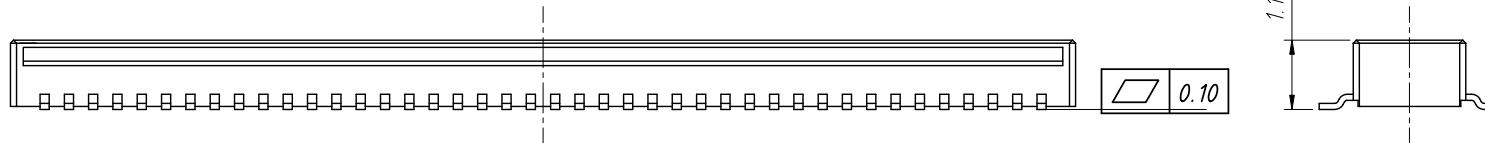
6	7	8
REV	SYM	Revision Record
V0	KLS01629	New Version Release
Appr.	Jenny	Date
		2024-07-10



Order Information:

L-KLS1-B0404-114 M XX-T3RB-FG1

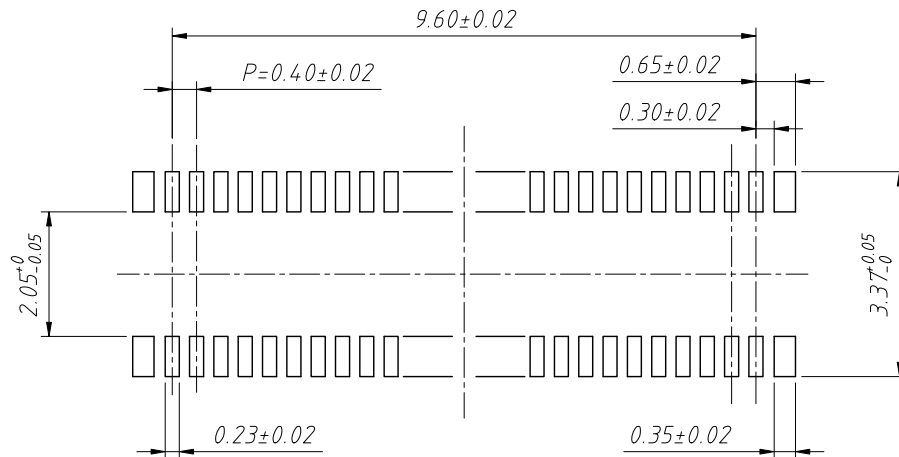
L:RoHS  
 Board To Board  
 Pitch-0.40mm  
 Height-1.14mm  
 Type:M-Male  
 XX-No. Of Contact  
 T3=SMD With Post  
 T=SMD Without Post,Packing:R=Reel  
 Color:B-Black W-Natural  
 Plating:  
 GF1-1u "Half Gold Tin G1=1u"Gold  
 GF10-10u" Half Gold Tin Sn=Sn Gold



Pin No.	A	B	C
10	3.52	1.6	1.0
12	3.92	2.0	
20	5.52	3.6	1.2
24	6.32	4.4	
30	7.52	5.6	1.5
34	8.32	6.4	
40	9.52	7.6	3.2
44	10.32	8.4	
50	11.52	9.6	17.6
60	13.52	11.6	
70	15.52	13.6	19.6
80	17.52	15.6	
90	19.52	17.6	19.6
100	21.52	19.6	

Material:  
 Housing:LCP,UL94V-0,Black  
 Contact:Copper Alloy,1u" Gold Plated

Electric:  
 Current Rating:0.3A  
 Voltage Rating:30V AC/DC  
 Contact Resistance:90mΩ. max.  
 Insulation Resistance:50MΩ. min.  
 Withstanding Voltage:100V AC/minute  
 Operating Temperature Range:-35°C~+85°C



Recommended PCB Layout  
 General Tolerance ±0.05

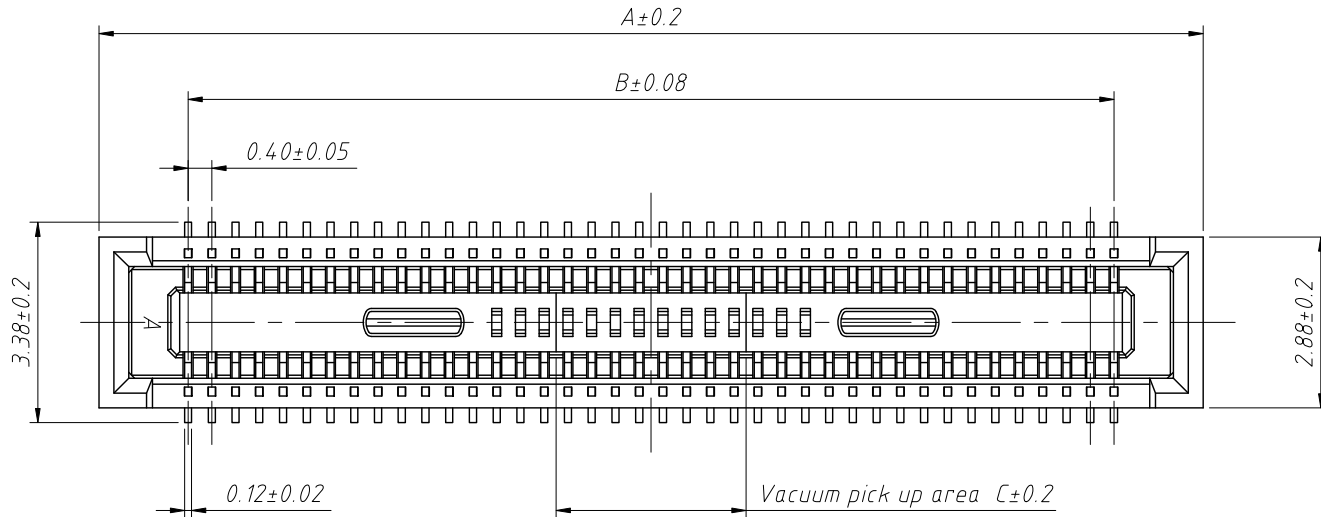
ANGLE TOLERANCE	PROJECTION	Description:	
±3°		0.4mm Board To Board Plug	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x.x ±0.30	SHEET SIZE	A4	L-KLS1-B0404-114MXX-T3RB-GF1
x.xx ±0.20	Draw:	Jenny	2024-07-10
x.xxx ±0.10	Check:	Daniel	2024-07-10



NingBo KLS ELECTRONIC CO.,L TD.

1 RoHS Compliance

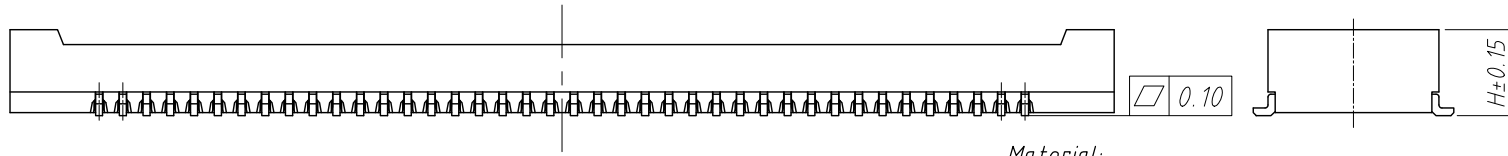
REV	SYM	Revision Record	Appr.	Date
V0	KLS01629	New Version Release	Jenny	2024-07-10



Order Information:

L-KLS1-B0404-XX F XX-T3RB-GF1

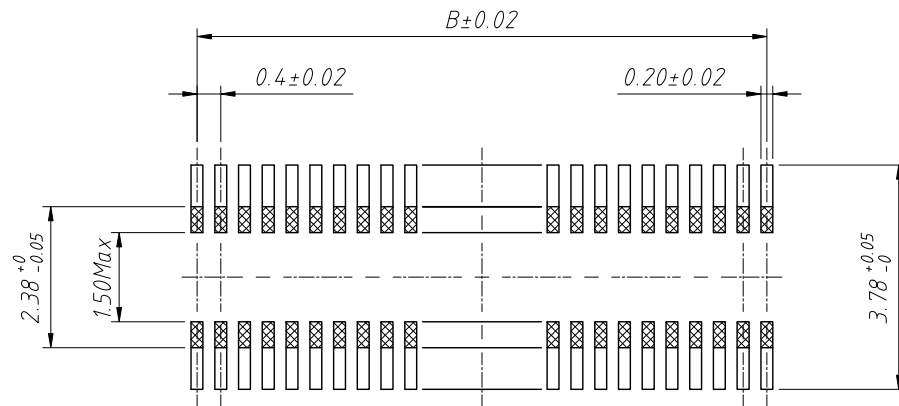
L:RoHS  
 Board To Board  
 Pitch-0.40mm  
 Height-See table  
 TypeF-Female  
 XX-No. Of Contact  
 T3-SMD With Post  
 T=SMD Without Post,Packing:R=Reel  
 Color:B-Black W-Natural  
 Plating:  
 GF1-1u" Half Gold Tin G1=1u" Gold  
 GF10-10u" Half Gold Tin Sn=Sn Gold



Height (H)	Pin No.	A	B	C
1.45	10	4.60	1.6	1.0
	12	5.00	2.0	
1.95	20	6.60	3.6	1.2
	24	7.40	4.4	
2.40	30	8.60	5.6	1.5
	34	9.40	6.4	
2.90	40	10.6	7.6	2.3
	3.40	50	12.6	
3.40	60	14.6	11.6	3.2
	70	16.6	13.6	
3.90	80	18.6	15.6	17.6
	90	20.6	17.6	
	100	22.6	19.6	

Material:  
 Housing:LCP,UL94V-0,Black  
 Contact:Copper Alloy,1u" Gold Plated

Electric:  
 Current Rating:0.3A  
 Voltage Rating:30V AC/DC  
 Contact Resistance:90mΩ. max.  
 Insulation Resistance:50MΩ. min.  
 Withstanding Voltage:100V AC/minute  
 Operating Temperature Range:-35°C ~ +85°C



Recommended PCB Layout  
 General Tolerance ±0.05

ANGLE TOLERANCE	PROJECTION	Description:
±3°		0.4mm Board To Board Socket
GENERAL TOLERANCE	UNITS	mm
x.x ±0.30	SHEET SIZE	A4
x.xx ±0.20	Draw:	Jenny 2024-07-10
x.xxx ±0.10	Check:	Daniel 2024-07-10



NingBo KLS ELECTRONIC CO.,L TD.