

REV	ECN NO.	LOCAS.	DESCRIPTION	DATE	DESIGN
A			NEW DRAWING		

NOTE:

1. MATERIAL:

HOUSING: LCP (UL94-V0), COLOR: NATURAL.

CONTACTS: COPPER ALLOY.

PEG: COPPER ALLOY.

ACTUATOR: LCP OR PA (UL94-V0). COLOR: BLACK

2. RATING:

OPERATING VOLTAGE: 50Vrms AC.

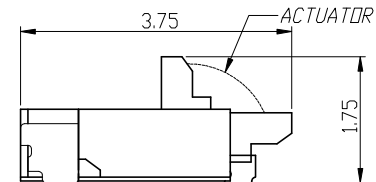
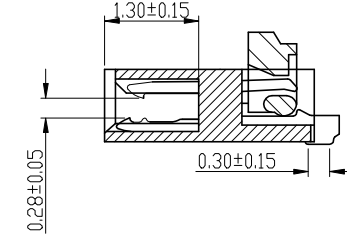
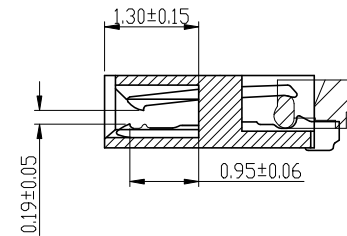
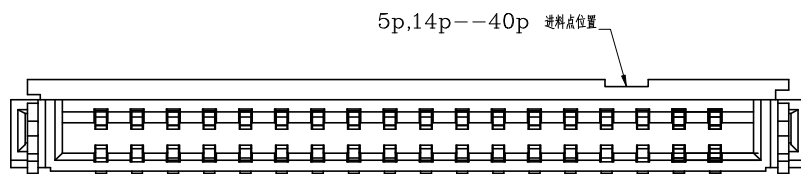
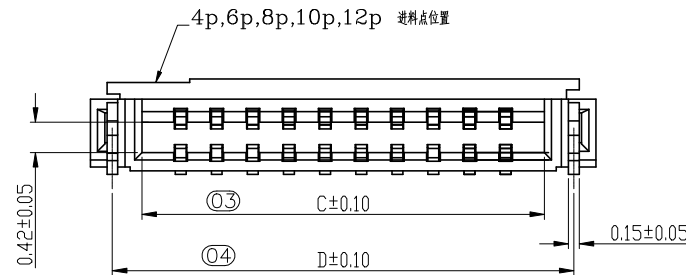
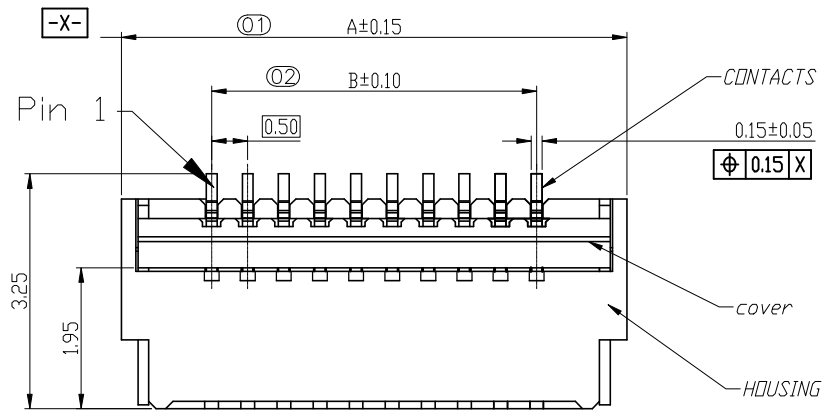
CURRENT RATING: 0.5A.

OPERATING TEMPERATURE: -55°C~+85°C.

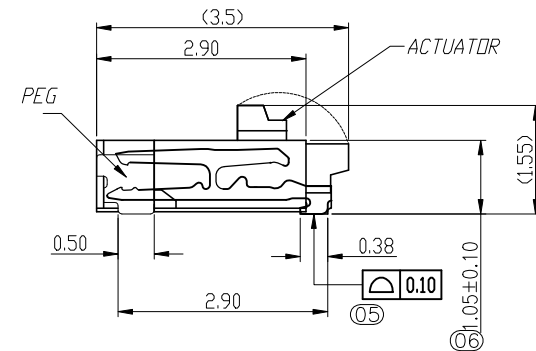
OPERATING HUMIDITY RANGE: RELATIVE HUMIDITY 90% MAX.(NO CONDENSATION)

STORAGE TEMPERATURE RANGE: -10°C~+50°C.

STORAGE HUMIDITY RANGE: RELATIVE HUMIDITY 90% MAX.(NO CONDENSATION)

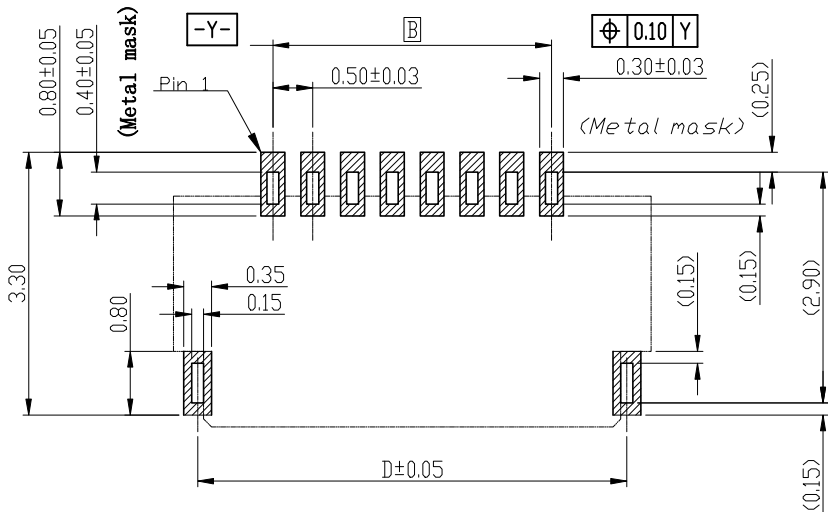


Long cover type

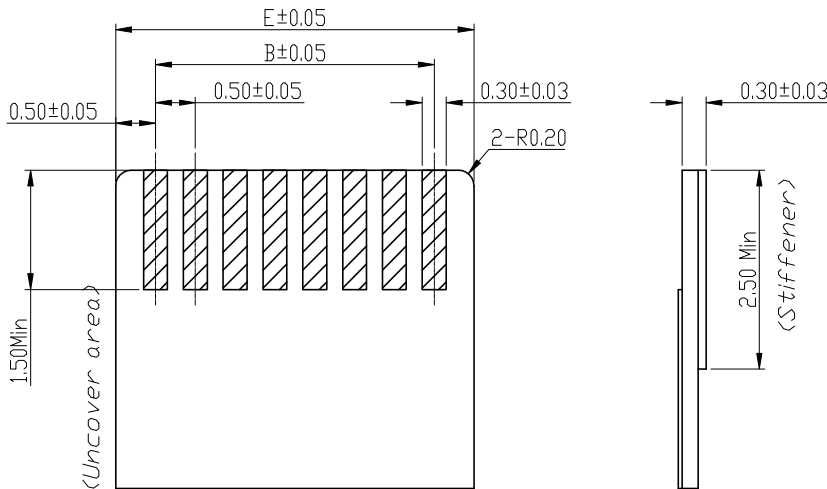


DESIGN:		Xiping Huang			广东国连电子有限公司				
CHECK:		Ke Tian			GUANGDONG GUOLIAN ELECTRONICS CO.,LTD				
APPROVED:		Youquan Xu			TITLE:				
DIM		TOL	DIM	TOL	0.5前插后掀H1.0				
X.		±0.25			PART NO.				
X. X		±0.20	X° .	±3.0°	0510-GX-NPWB				
X. XX		±0.15	X. X°		REV. A				
X. XXX			X. XX°		SCALE: N/A		UNIT:	SHEET:	
			X. XXX°				mm	1/1	

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Recommended PCB mounting pattern and metal mask dimensions
Recommended metal mask thickness: t=0.1



Recommended FPC/FFC Dimensions

Number of Contacts	DIM A	DIM B	DIM C	DIM D	DIM E
50	27.00	24.50	25.57	26.39	25.50
45	24.50	22.00	23.07	23.89	23.00
40	22.00	19.50	20.57	21.39	20.50
36	20.00	17.50	18.57	19.39	18.50
34	19.00	16.50	17.57	18.39	17.50
32	18.00	15.50	16.57	17.39	16.50
30	17.00	14.50	15.57	16.39	15.50
28	16.00	13.50	14.57	15.39	14.50
26	15.00	12.50	13.57	14.39	13.50
24	14.00	11.50	12.57	13.39	12.50
22	13.00	10.50	11.57	12.39	11.50
20	12.00	9.50	10.57	11.39	10.50
18	11.00	8.50	9.57	10.39	9.50
16	10.00	7.50	8.57	9.39	8.50
15	9.50	7.00	8.07	8.89	8.00
14	9.00	6.50	7.57	8.39	7.50
13	8.50	6.00	7.07	7.89	7.00
12	8.00	5.50	6.57	7.39	6.50
10	7.00	4.50	5.57	6.39	5.50
9	6.5	4.00	5.07	5.89	5.00
8	6.00	3.50	4.57	5.39	4.50
7	5.5	3.00	4.07	4.89	4.00
6	5.00	2.50	3.57	4.39	3.50
5	4.5	2.00	3.07	3.89	3.00
4	4.00	1.50	2.57	3.39	2.50

Long covre type

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CHECK:	Ke Tian				
APPROVED:	Youquan Xu	TITLE: 0.5前插后掀H1.0			
DIM	TOL	DIM	TOL	PART NO. 0510-GX-NPWB	
X.	±0.25	X°.	±3.0°	REV. A SCALE: N/A UNIT: mm SHEET: 1/1 	
X. X	±0.20	X. X°			
X. XX	±0.15	X. XX°			
X. XXX		X. XXX°			