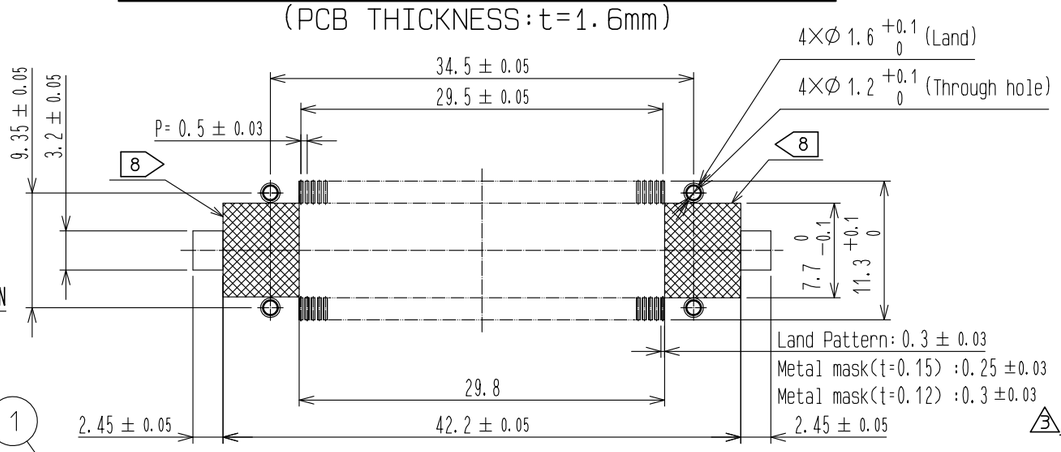
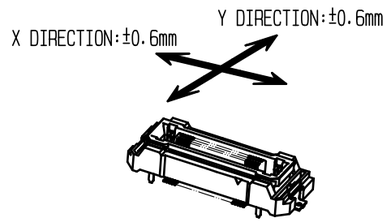
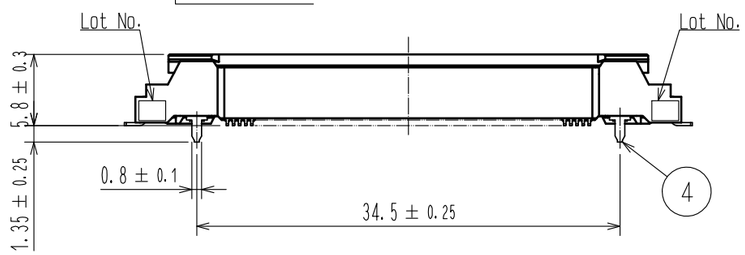
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

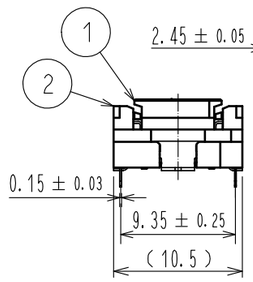
RECOMMENDED LAND PATTERN DIMENSION OF PCB
(PCB THICKNESS: t=1.6mm)



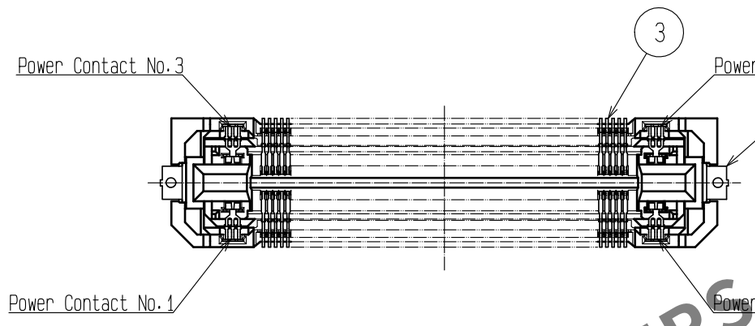
3 FLOATING RANGE



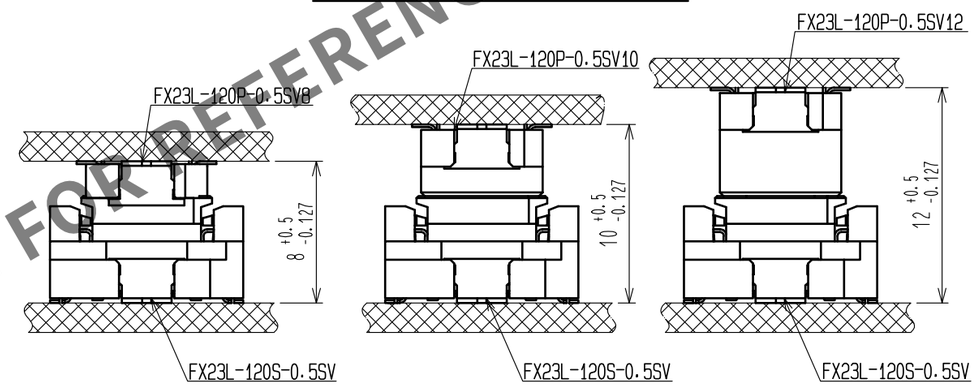


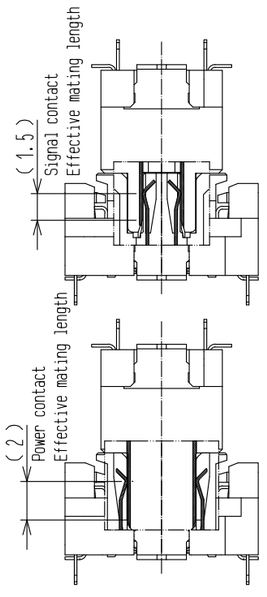


3 CROSS SECTION OF MATING
(No scale)

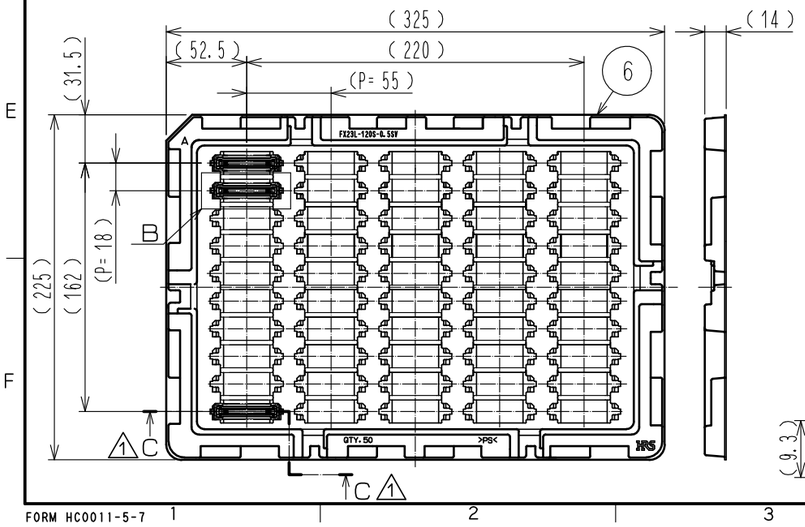


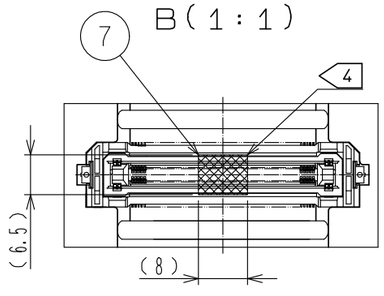
7 PCB DISTANCE(No scale)

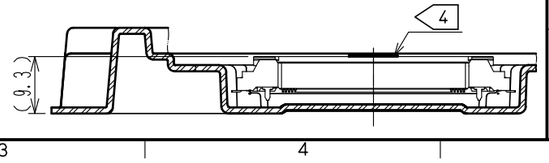




2 DRAWING FOR PACKING (No scale)







Note
1. Lead CO-Planarity is 0.1mm MAX.
2. This is packaged in tray. (50pcs/tray)
3. Floating range of this connector is ±0.6mm MAX.
1. The maximum cycle time of the floating operation is in accordance with the mating cycle of the connector.
4. It shows the vacuum pickup area. Remove the mylar tape before mating connectors.
5. Blemish and hit mark can be occured through out the manufacturing process which doesn't affect quality level.
6. The dimensions in parentheses are for references.
7. Please use the connectors within the specified PCB distance.
8. ▨ area of inner SMT land requires pattern prohibition or resist treatment to prevent the pattern.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm	7	POLYIMIDE 2	(TAPE FOR VACUUM PICKUP)
		LEAD AREA:GOLD 0.03μm	6	POLYSTYRENE	(TRAY)
		UNDER PLATING:NICKEL 1.3μm	5	BRASS	TIN-PLATING 1μm
2	POLYAMIDE	BLACK UL94V-0	4	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm
1	POLYAMIDE	BLACK UL94V-0			LEAD AREA:TIN-PLATING 1μm
					UNDER PLATING:NICKEL 1.3μm

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	4	4	DIS-F-00005633	TY. EDAGAWA	NH. NAKATA	20191220

HIROSE ELECTRIC CO., LTD.

APPROVED	HS. OKAWA	20150512	DRAWING NO. EDC-358069-00-00
CHECKED	KN. SHIBUYA	20150512	PART NO. FX23L-120S-0.5SV
DESIGNED	TS. OONO	20150512	
DRAWN	Wonsuk. Yoon	20150511	CODE NO. CL573-2306-2-00 4 1/1

HRS DRAWING FOR REFERENCE