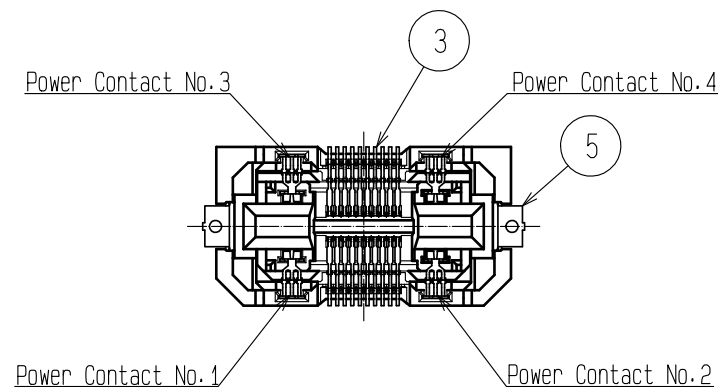
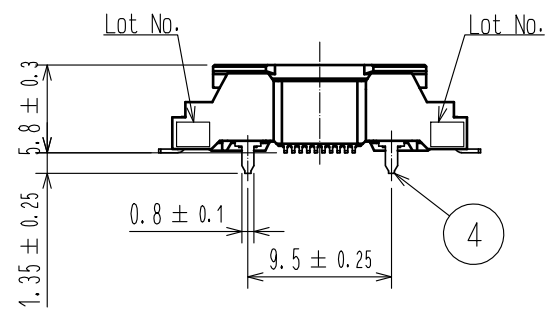
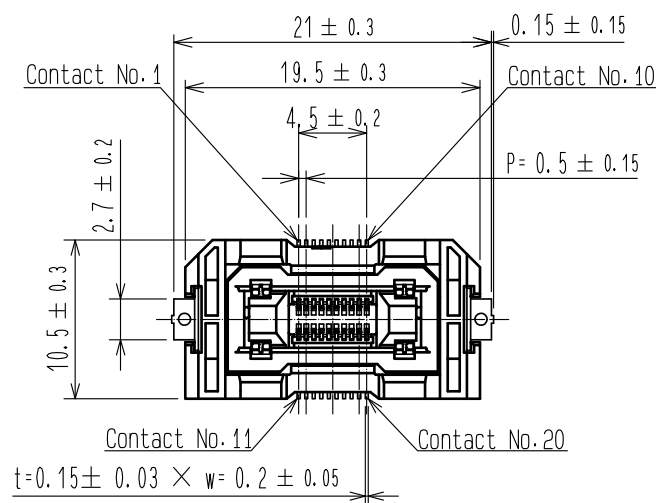
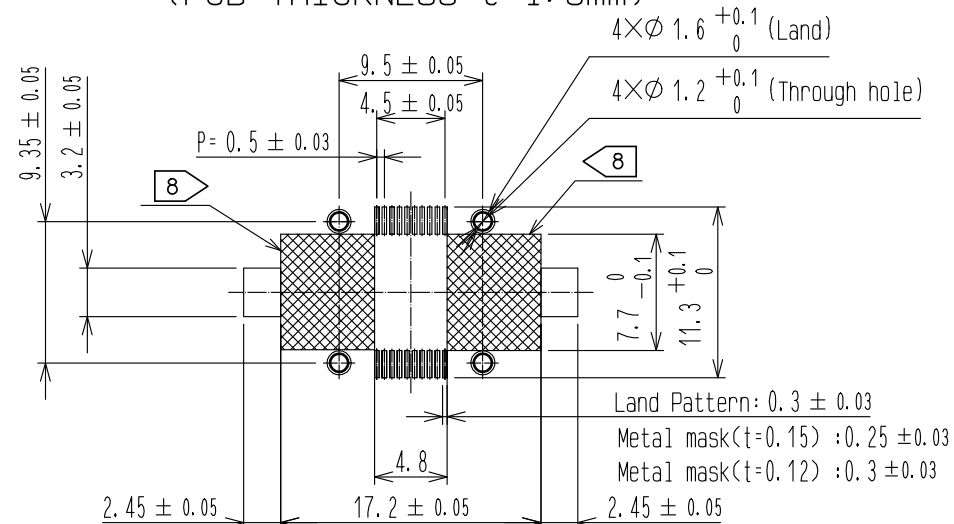


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

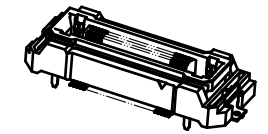


RECOMMENDED LAND PATTERN DIMENSION OF PCB (PCB THICKNESS: t=1.6mm)

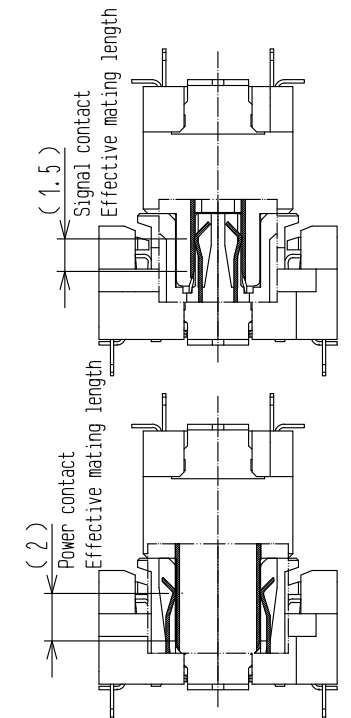


FLOATING RANGE

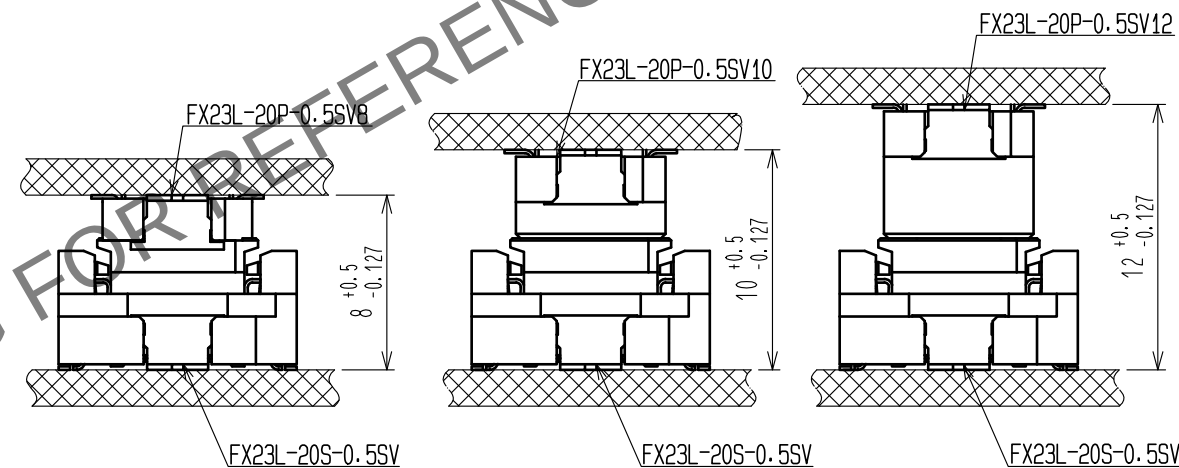
X DIRECTION: ±0.6mm
Y DIRECTION: ±0.6mm



CROSS SECTION OF MATING (No scale)

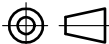


PCB DISTANCE (No scale)



- Note
- Lead CO-Planarity is 0.1mm MAX.
 - This is packaged in embossed carrier tape. (500pcs/RL)
 - Floating range of this connector is ±0.6mm MAX.
The maximum cycle time of the floating operation is in accordance with the mating cycle of the connector.
 - It shows the vacuum pickup area. Remove the mylar tape before mating connectors.
 - Blemish and hit mark can be occurred through out the manufacturing process which doesn't affect quality level.
 - The dimensions in parentheses are for references.
 - Please use the connectors within the specified PCB distance.
 - area of inner SMT land requires pattern prohibition or resist treatment to prevent the pattern.
 - Embossed carrier tape, cover tape and plastiv reel are composed of antistatic material.

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

UNITS mm			SCALE 2 : 1		COUNT 5	DESCRIPTION OF REVISIONS DIS-F-00004372		DESIGNED TS.00NO	CHECKED HT. YAMAGUCHI	DATE 20190307
 HIROSE ELECTRIC CO., LTD.		APPROVED : NH. NAKATA		20170410		DRAWING NO. EDC-358064-20-00				
		CHECKED : HT. YAMAGUCHI		20170410		PART NO. FX23L-20S-0.5SV(20)				
		DESIGNED : TS. 00NO		20170410		CODE NO. CL573-2301-9-20				
		DRAWN : TS. 00NO		20170410		 1/2				

