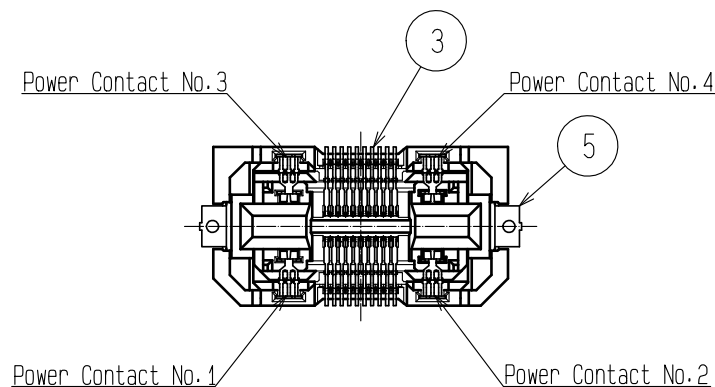
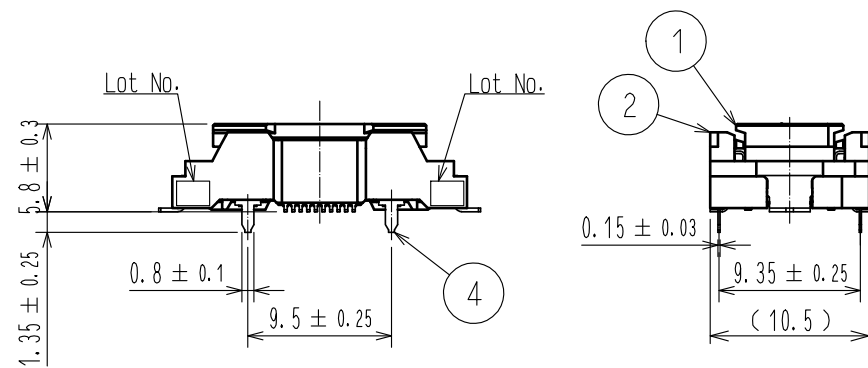
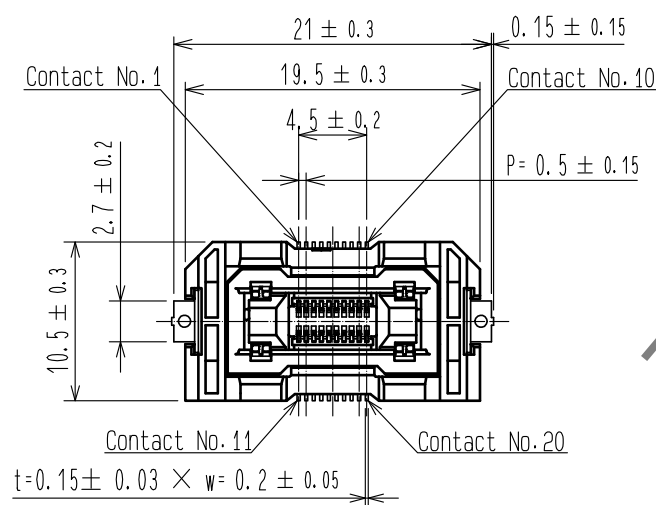
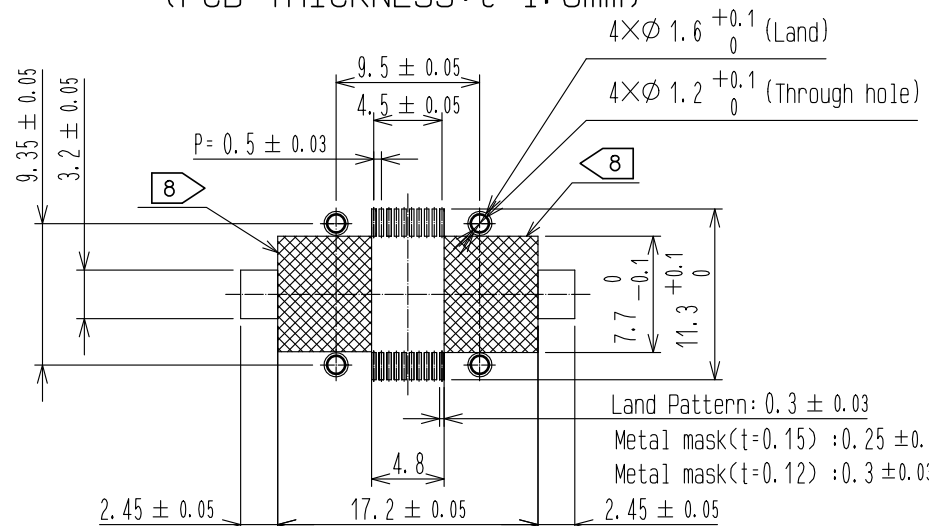


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

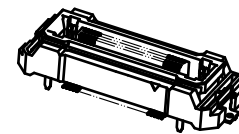


RECOMMENDED LAND PATTERN DIMENSION OF PCB (PCB THICKNESS: t=1.6mm)

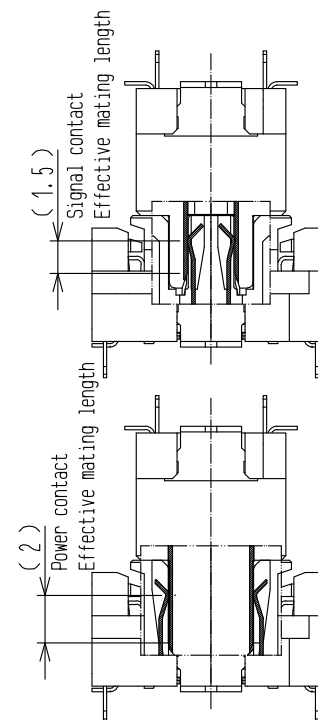


FLOATING RANGE

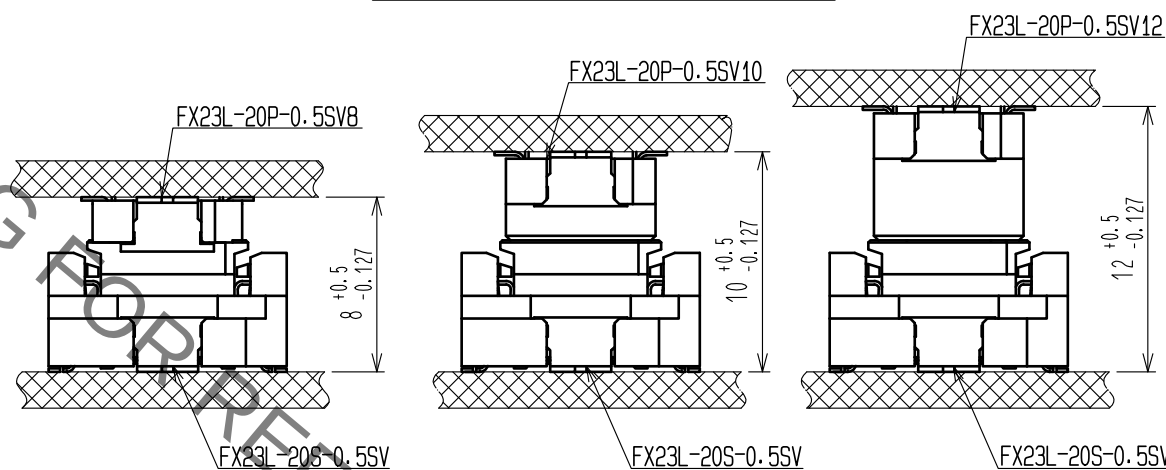
X DIRECTION: ±0.6mm
Y DIRECTION: ±0.6mm



CROSS SECTION OF MATING (No scale)



PCB DISTANCE (No scale)



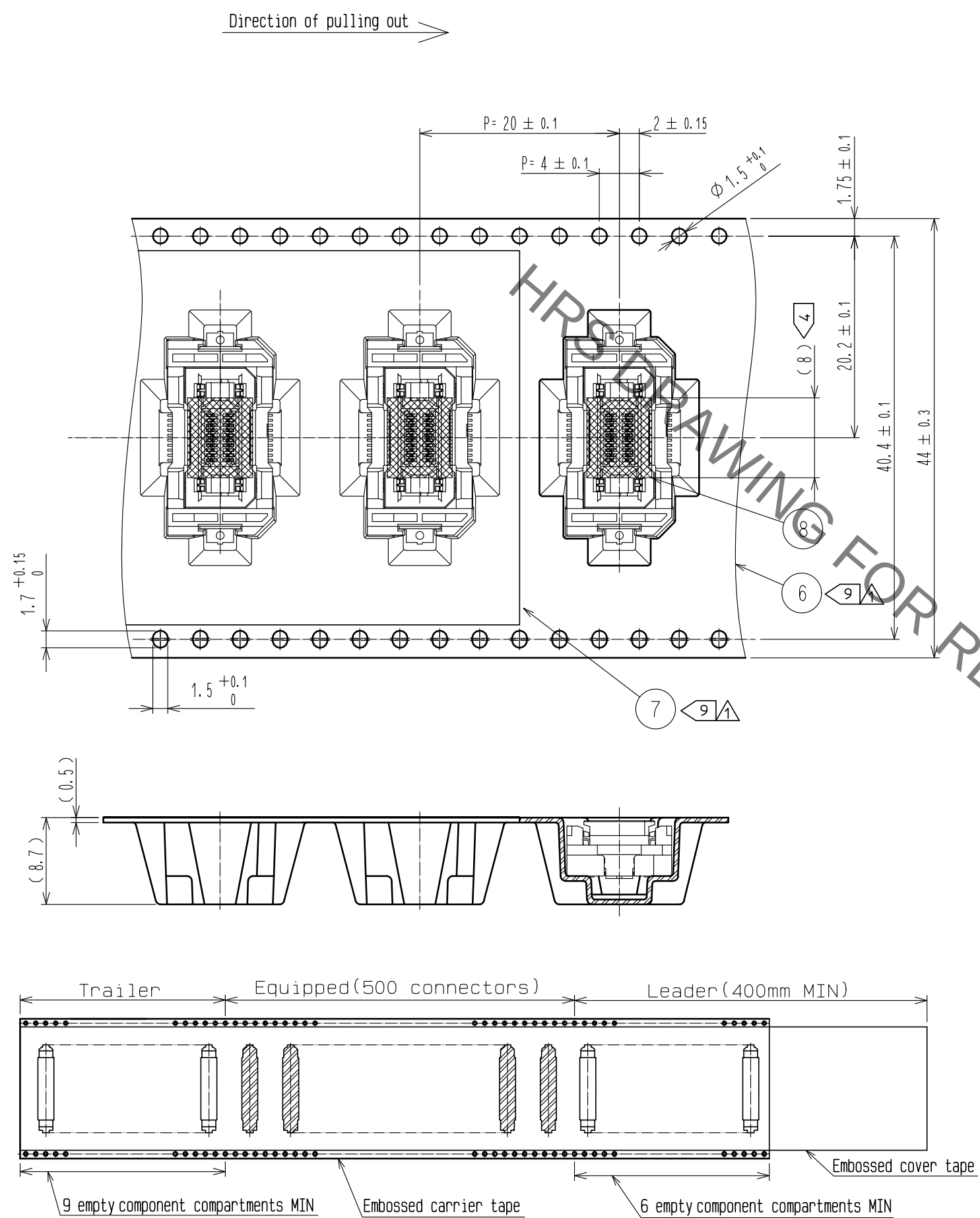
- Note
- Lead CO-Planarity is 0.1mm MAX.
 - This is packaged in embossed carrier tape. (500pcs/RL)
 - Floating range of this connector is ±0.6mm MAX.
The maximum cycle time of the floating operation is in accordance with the mating cycle of the connector.
 - It shows the vacuum pickup area. Remove the 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.

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

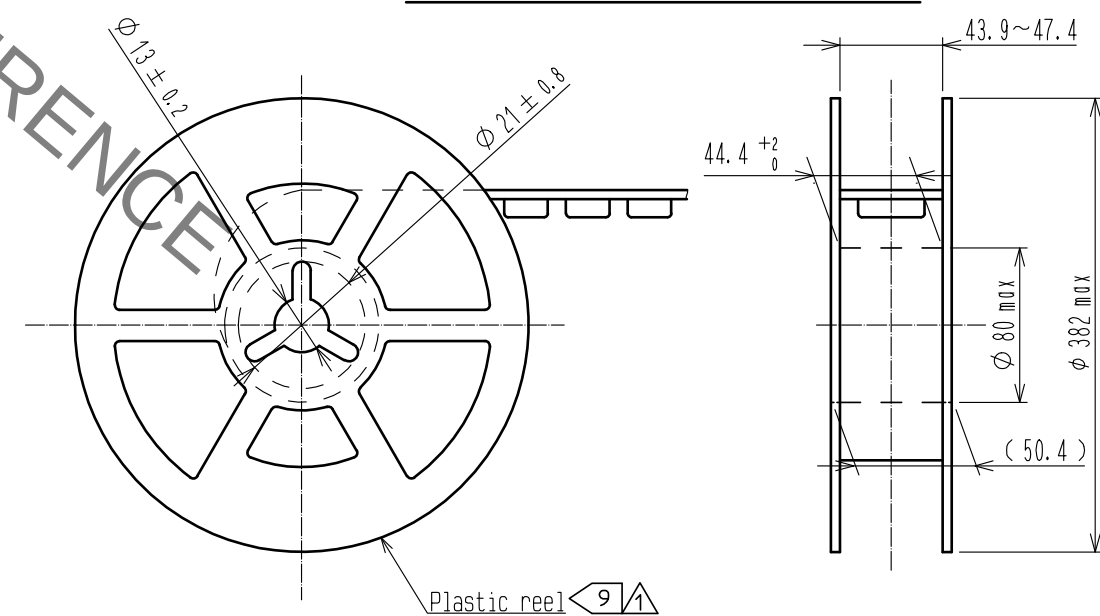
UNITS mm		SCALE 2 : 1		COUNT 5	DESCRIPTION OF REVISIONS DIS-F-00004372	DESIGNED TS.00NO	CHECKED HT. YAMAGUCHI	DATE 20190307
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	HIROSE ELECTRIC CO., LTD.	APPROVED :NH. NAKATA	20170410	DRAWING NO.	EDC-358064-20-00	
		CHECKED :HT. YAMAGUCHI	20170410		PART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

2 DRAWING FOR PACKING(2:1)



REEL DIMENSION(No scale)



HRS	DRAWING NO.	EDC-358064-20-00	
	PART NO.	FX23L-20S-0.5SV<20>	
	CODE NO.	CL573-2301-9-20	 

Mouser Electronics

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