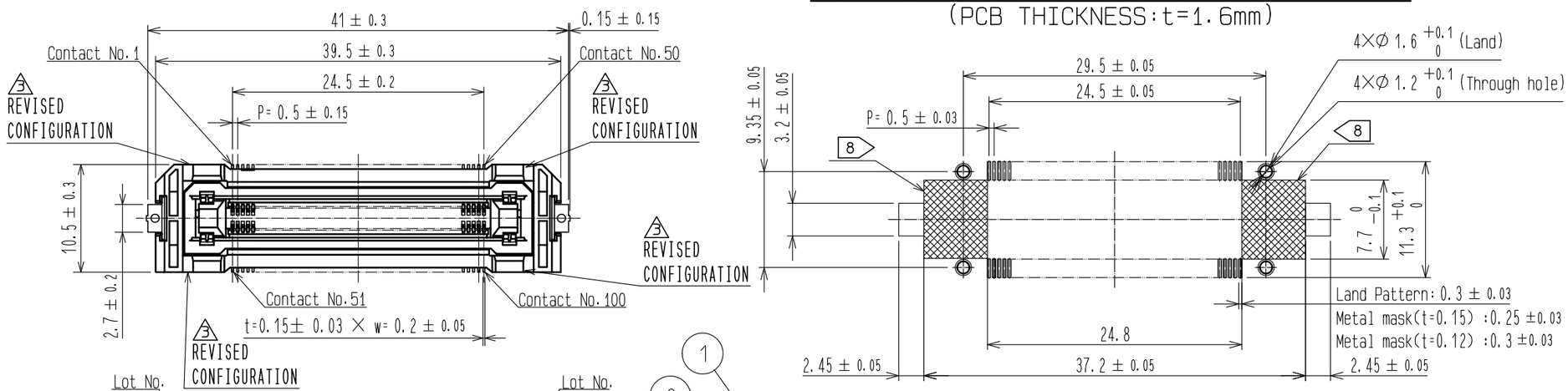
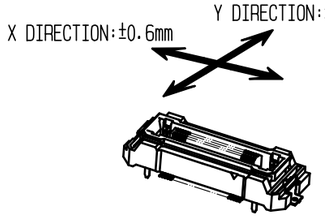
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

HRS DRAWING FOR REFERENCE

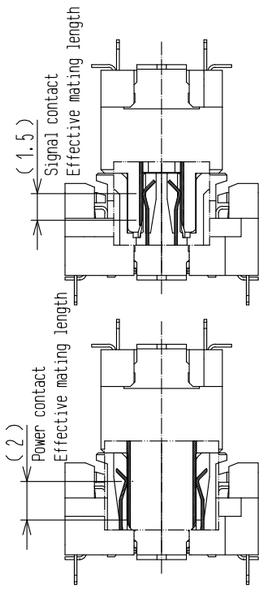
RECOMMENDED LAND PATTERN DIMENSION OF PCB
(PCB THICKNESS: t=1.6mm)



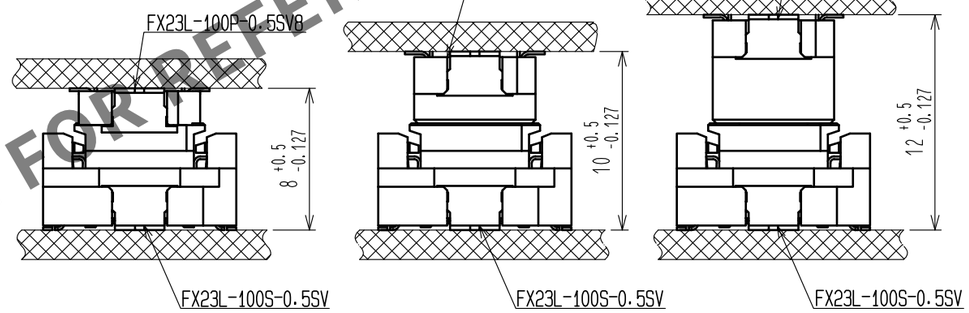
3 FLOATING RANGE



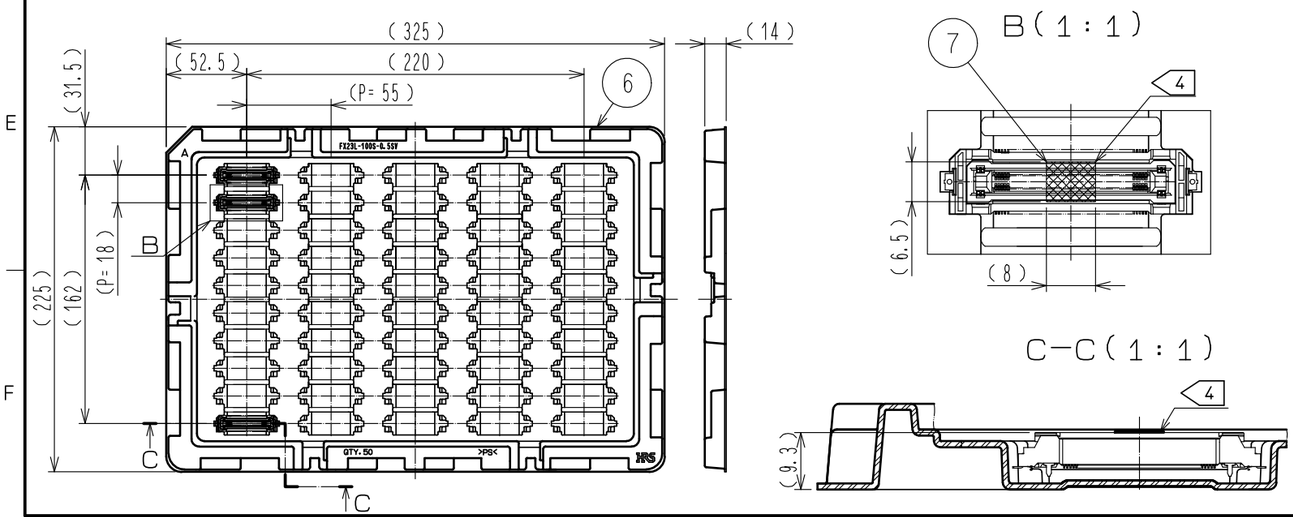
2 CROSS SECTION OF MATING
(No scale)



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.
   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
3	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm LEAD AREA:GOLD 0.03μm UNDER PLATING:NICKEL 1.3μm
2	POLYAMIDE	BLACK UL94V-0
1	POLYAMIDE	BLACK UL94V-0

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

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	3	4	DIS-F-00007440	TY. EDAGAWA	MK. NAGATA	20201221

HIROSE ELECTRIC CO., LTD.

APPROVED	HS. OKAWA	20160120
CHECKED	KN. SHIBUYA	20160120
DESIGNED	TS. OONO	20160120
DRAWN	TS. OONO	20160120

DRAWING NO.	EDC-358068-00-00
PART NO.	FX23L-100S-0.5SV
CODE NO.	CL0573-2305-0-00

3 1/1