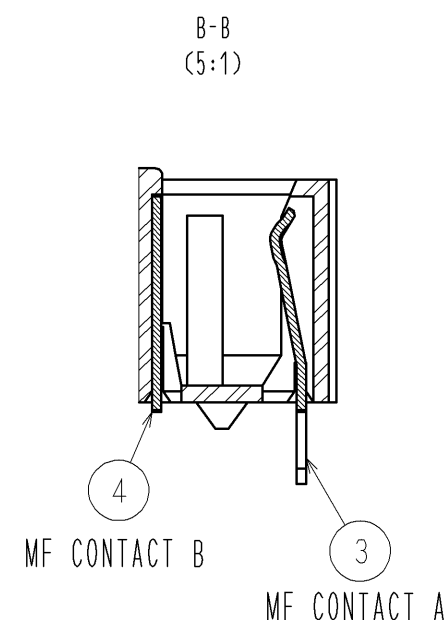
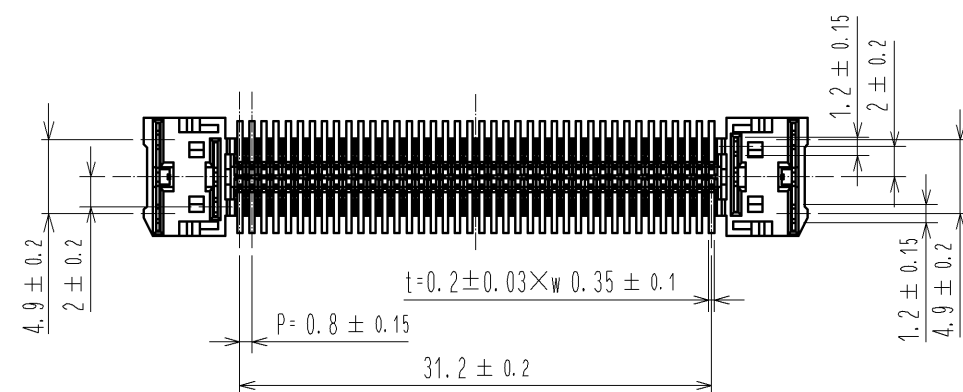
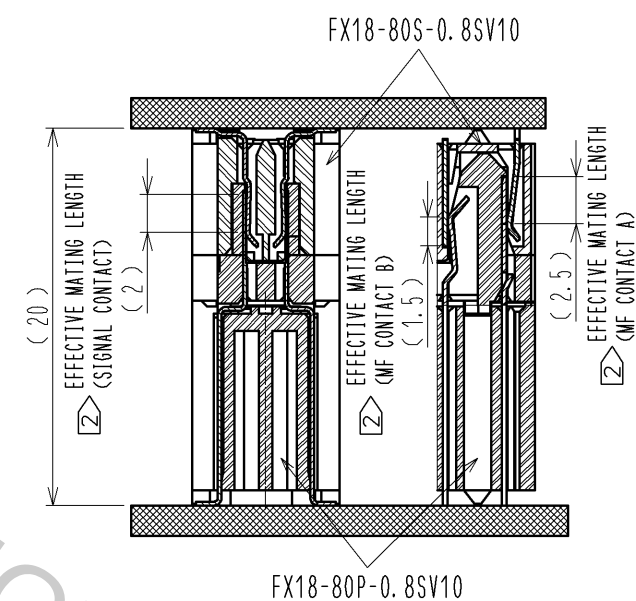
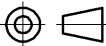




CROSS SECTION OF MATING(FREE)
STACKING HEIGHT=20mm

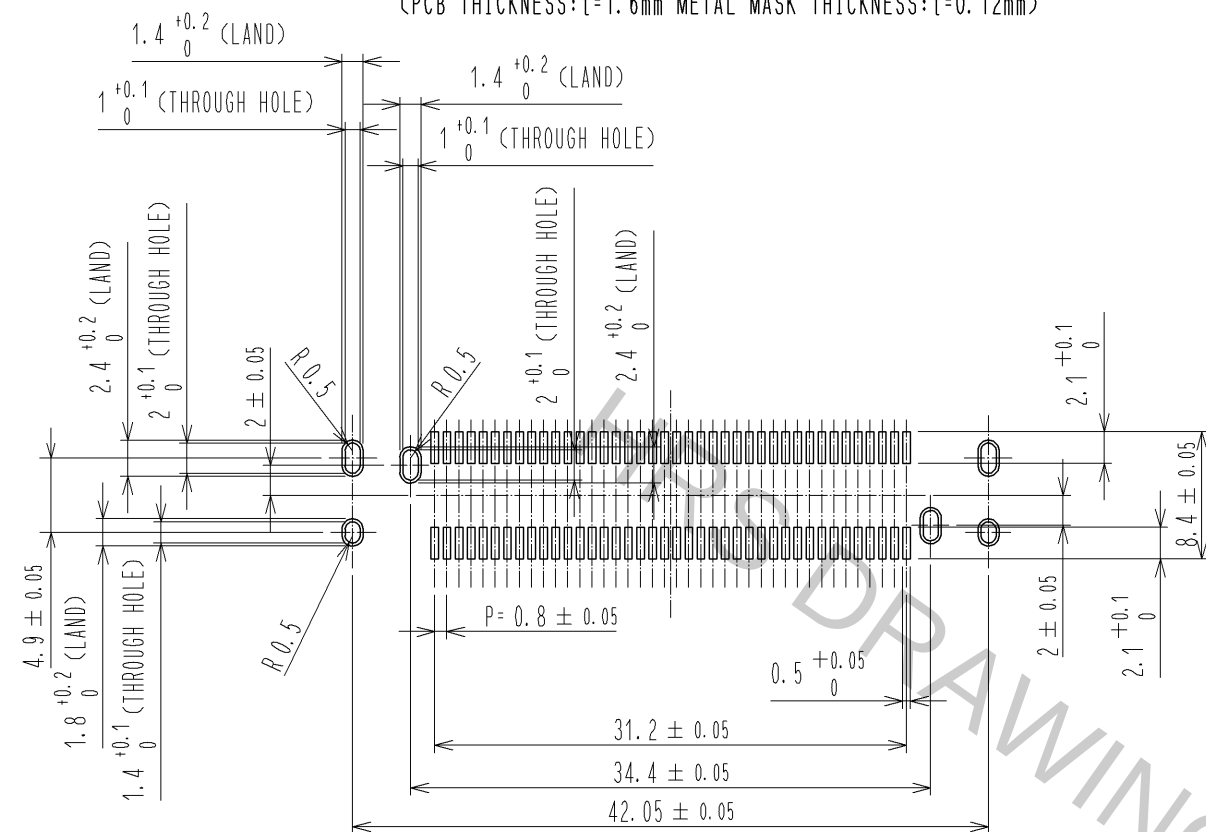


- NOTE 1 LEAD CO-PLANARITY IS 0.1mm MAX.
- 2 CONTACTS ARE 3 STEPS SEQUENTIAL. (MF CONTACT A=>SIGNAL CONTACT=>MF CONTACT B)
WHEN USING THIS SEQUENTIAL STRUCTURE, PLEASE AVOID ANGLED INSERTION.
- 3 MF CONTACT A AND MF CONTACT B CAN BE USED AS POWER SUPPLY CONTACT. (3A/PIN MAX)
- 4 IT SHOWS THE VACUUM PICKUP AREA. (SEE PAGE 2)
REMOVE THE MYLAR TAPE BEFORE MATING CONNECTORS.
- 5 THIS IS PACKAGED IN TRAY. (50pcs/TRAY)
- 6 BLEMISH AND HIT MARK CAN BE OCCURED THROUGH OUT THE MANUFACTURING PROCESS WHICH DOESN' T AFFECT QUALITY LEVEL.
- 7 THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCES.

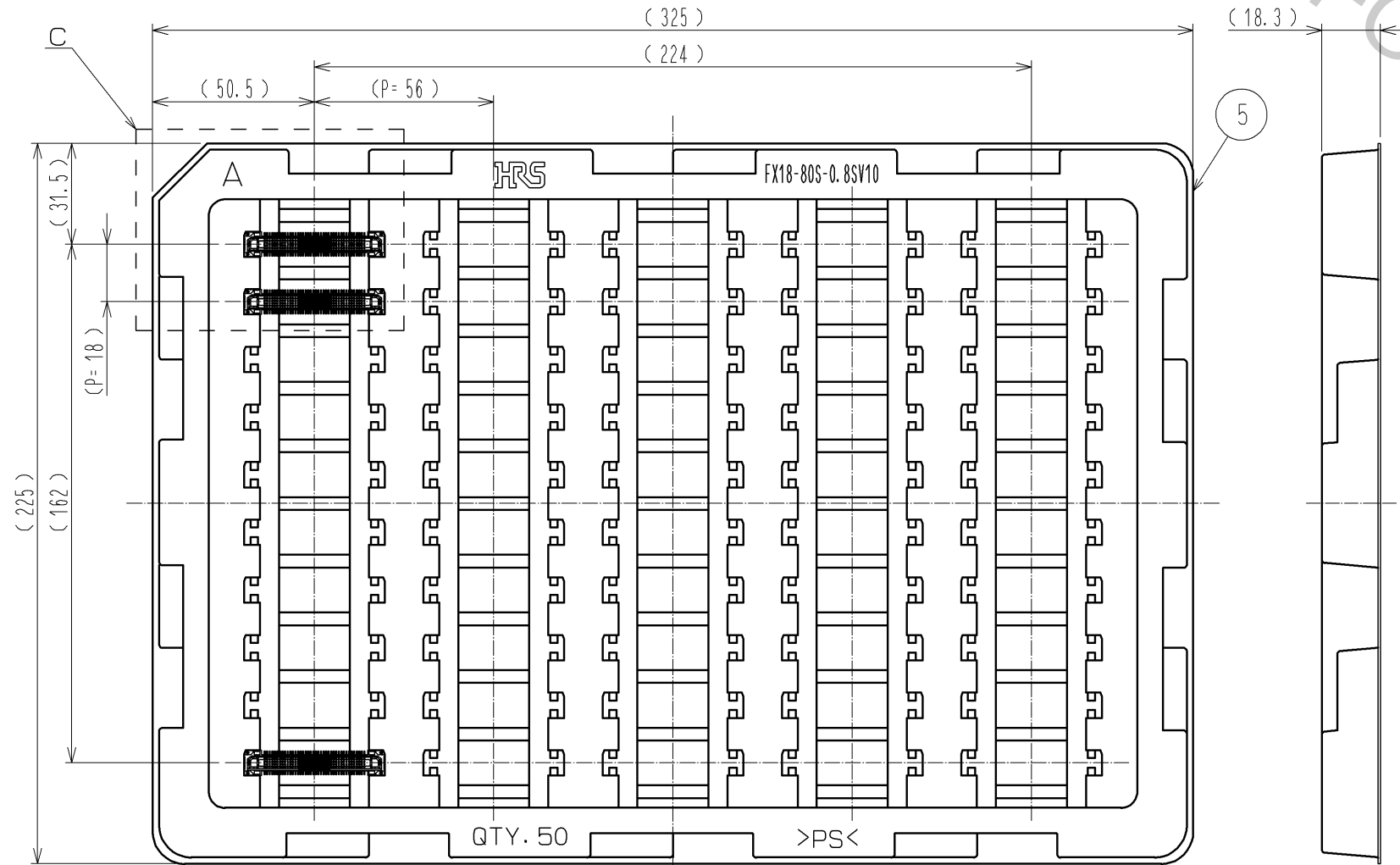
		6		POLYIMIDE			
		5		POLYSTYRENE			
		4		COPPER ALLOY		CONTACT AREA:GOLD 0.1 μm	
						LEAD AREA:TIN-PLATING 1 μm	
						UNDER PLATING:NICKEL 1.3 μm	
		3		COPPER ALLOY		CONTACT AREA:GOLD 0.1 μm	
						LEAD AREA:TIN-PLATING 1 μm	
						UNDER PLATING:NICKEL 1.3 μm	
2	COPPER ALLOY	CONTACT AREA:GOLD 0.1 μm					
		LEAD AREA:GOLD 0.03 μm					
		UNDER PLATING:NICKEL 1.3 μm					
1	POLYAMIDE	BLACK UL94V-0					
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS	
UNITS mm		SCALE 2 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED
 HIROSE ELECTRIC CO., LTD.		APPROVED :HS. OKAWA	14. 07. 16	DRAWING NO. EDC3-349389-00			
		CHECKED :HT. YAMAGUCHI	14. 07. 15	PART NO. FX18-80S-0.8SV10			
		DESIGNED :TH. SANO	14. 07. 15	CODE NO. CL579-0057-7-00			
		DRAWN :TH. SANO	14. 07. 15				

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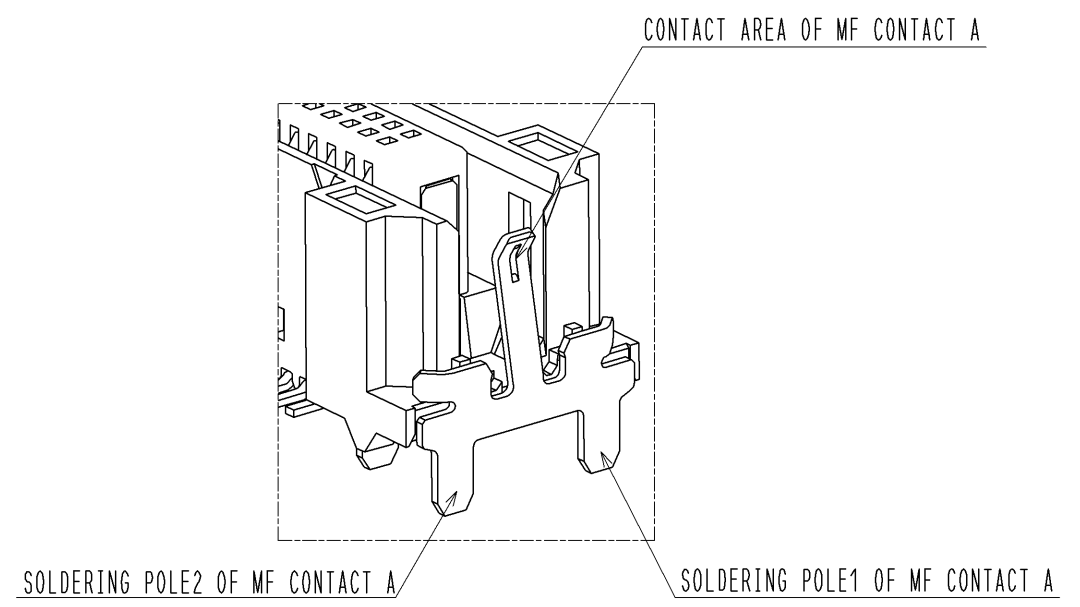
RECOMMENDED LAND PATTERN DIMENSION OF PCB(2:1)
(PCB THICKNESS:t=1.6mm METAL MASK THICKNESS:t=0.12mm)



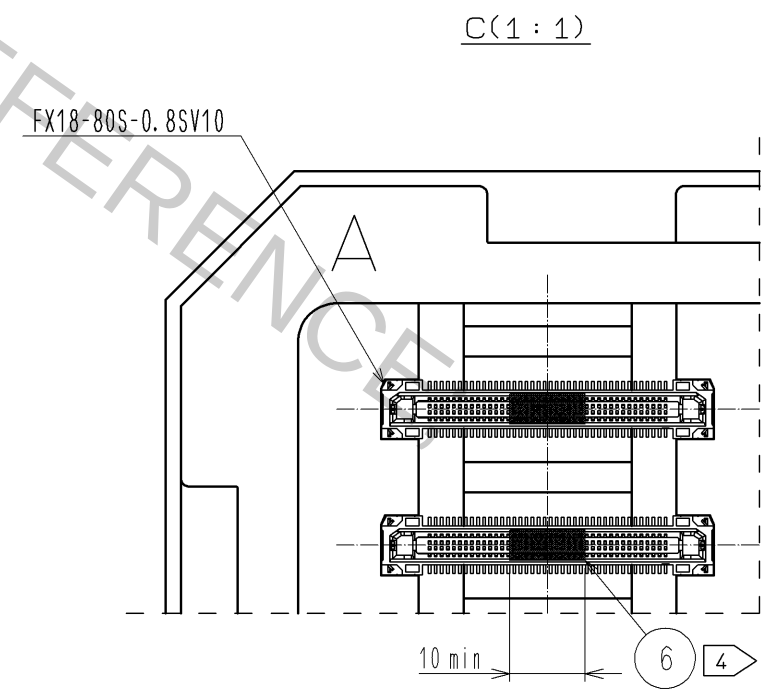
5 DRAWING FOR PACKING(1:2)



8 CONFIGURATION OF MF CONTACT A



NOTE 8 SOLDERING LEAD OF MF CONTACT A SPLITS INTO TWO POLES.
BE SURE TO CONNECT TO THE SAME CIRCUIT.



HRS	DRAWING NO.	EDC3-349389-00
	PART NO.	FX18-80S-0.8SV10
	CODE NO.	CL579-0057-7-00
		△ 2/2