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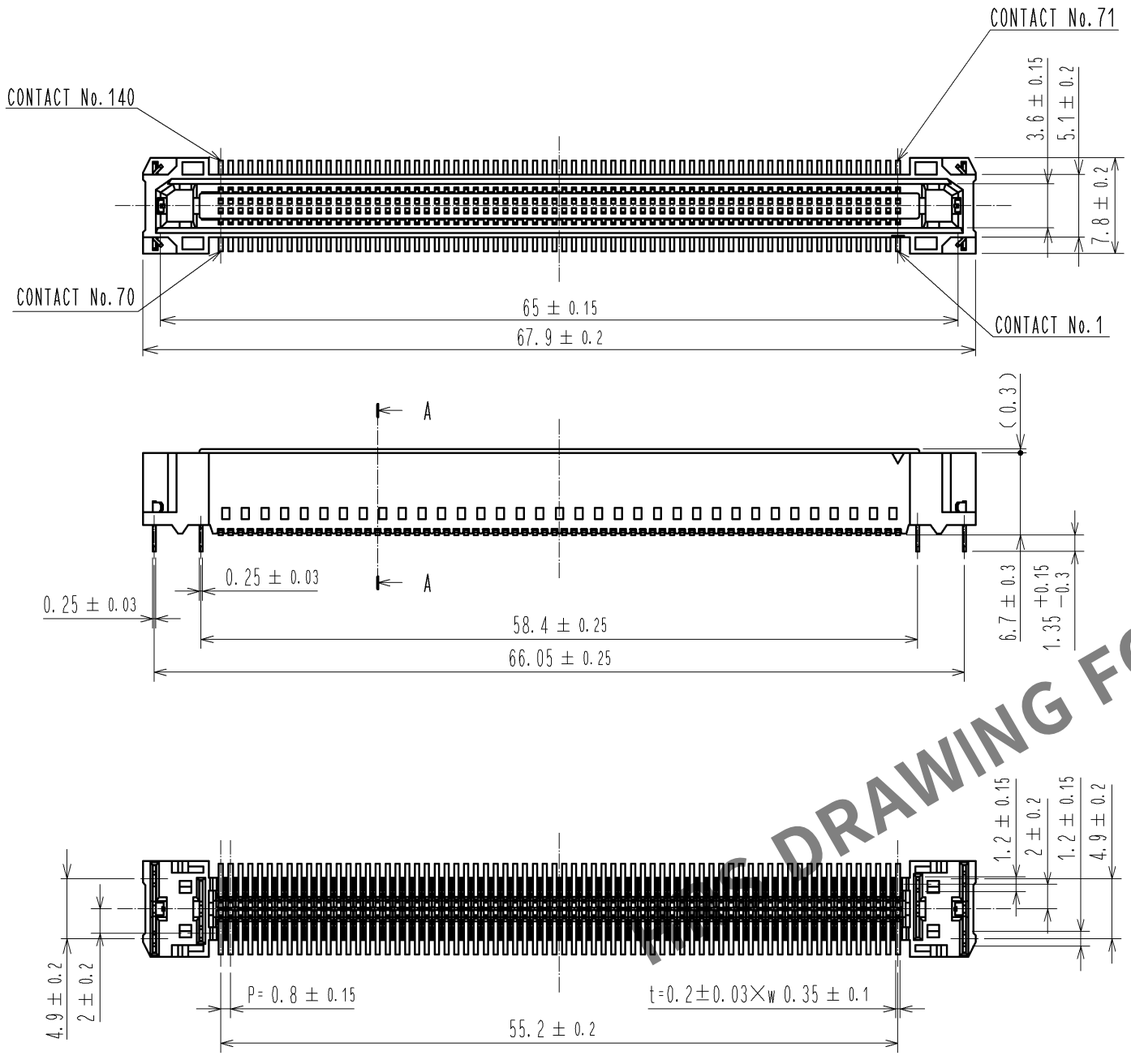
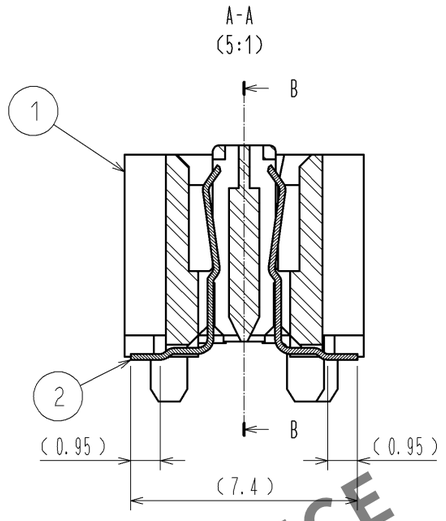
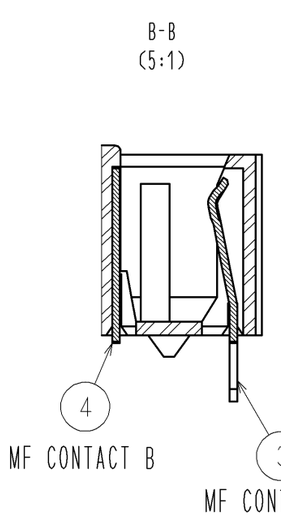
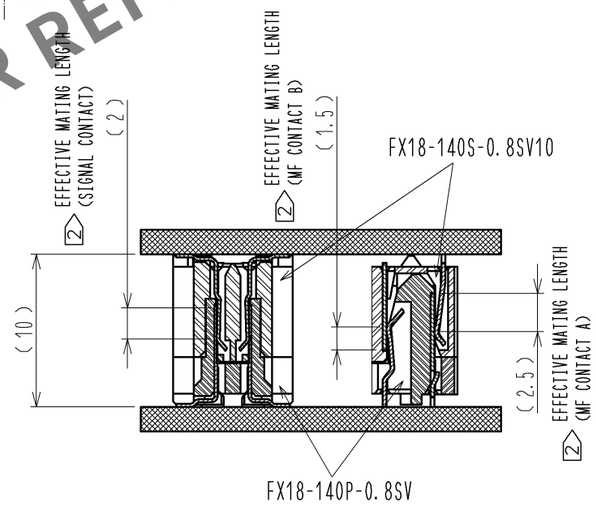
NOT DRAWING FOR REFERENCE



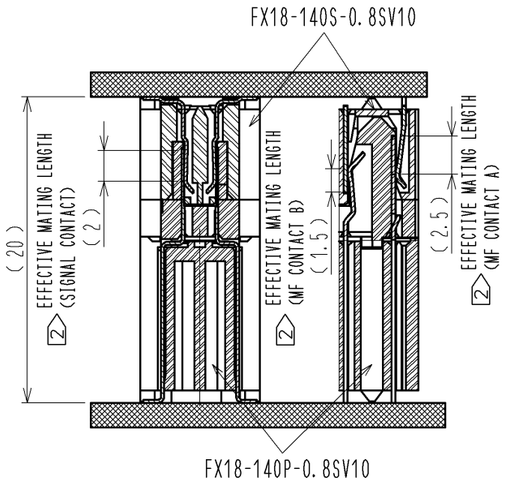




CROSS SECTION OF MATING(FREE)
STACKING HEIGHT=10mm



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. (40pcs/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.

NO.	MATERIAL	FINISH , REMARKS
6	POLYIMIDE	
5	POLYSTYRENE	
4	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm LEAD AREA:TIN-PLATING 1μm UNDER PLATING:NICKEL 1.3μm
3	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm LEAD AREA:TIN-PLATING 1μm UNDER PLATING:NICKEL 1.3μm
2	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm LEAD AREA:GOLD 0.03μm UNDER PLATING:NICKEL 1.3μm
1	POLYAMIDE	BLACK UL94V-0
NO.	MATERIAL	FINISH , REMARKS

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	△					

HIROSE ELECTRIC CO., LTD.

APPROVED	HS. OKAWA	13. 03. 27
CHECKED	KI. HIROKAWA	13. 03. 27
DESIGNED	TH. SANO	13. 03. 27
DRAWN	TH. SANO	13. 03. 27

DRAWING NO.	EDC3-349392-00
PART NO.	FX18-140S-0.8SV10
CODE NO.	CL579-0060-1-00

△ 1/2

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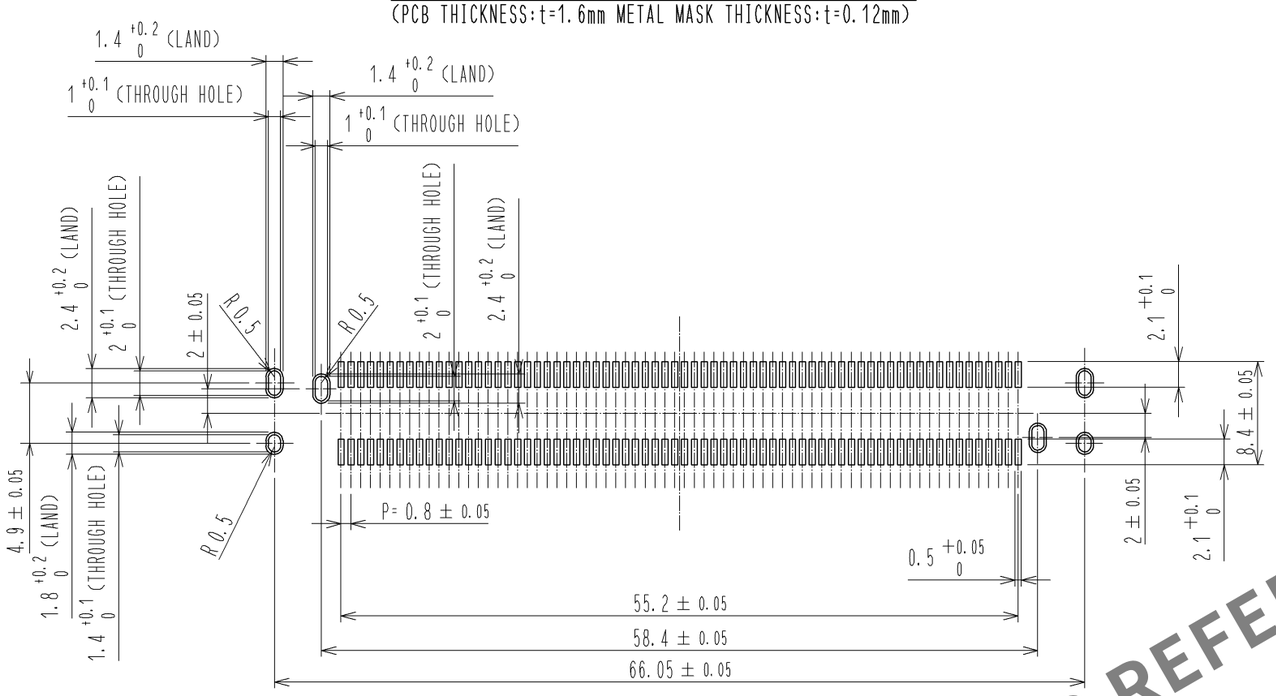
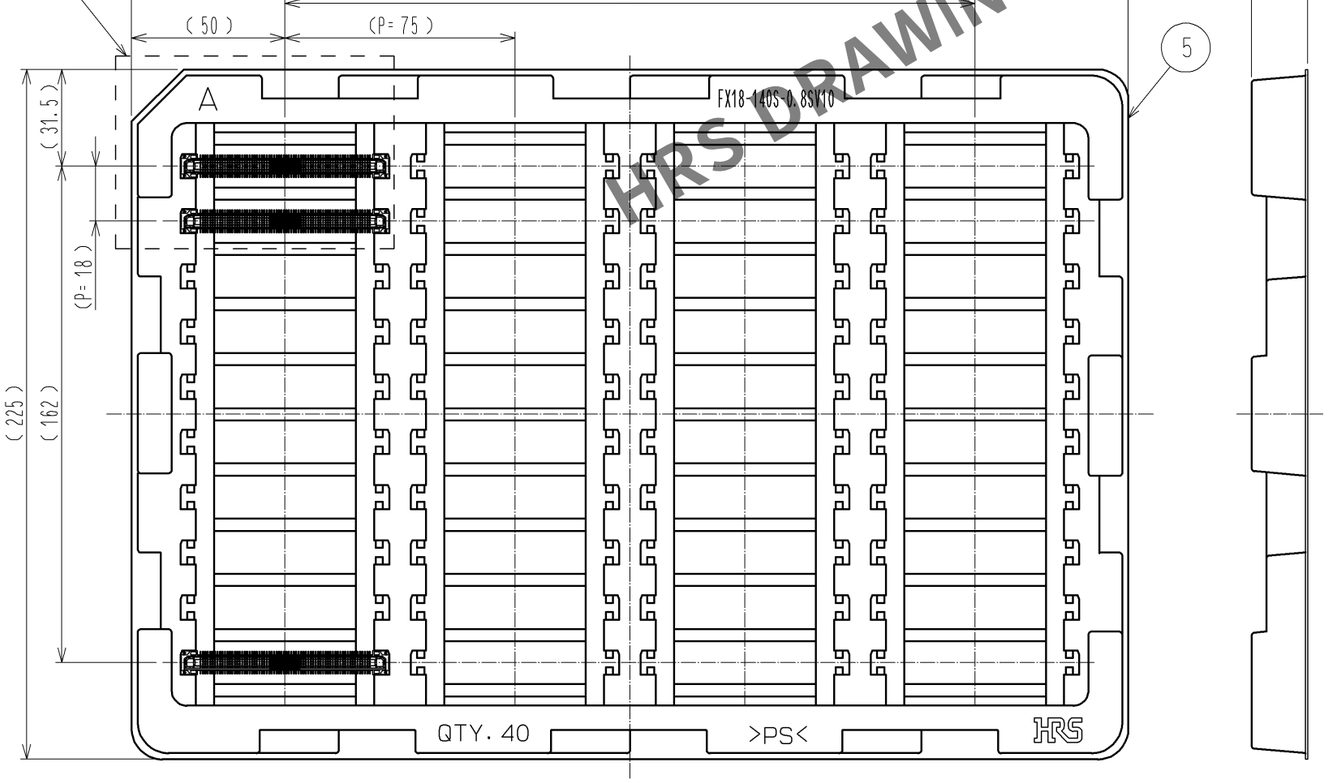
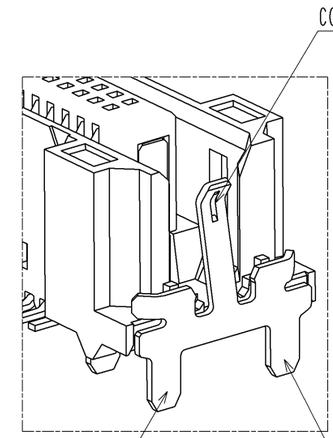
RECOMMENDED LAND PATTERN DIMENSION OF PCB(2:1)
(PCB THICKNESS:t=1.6mm METAL MASK THICKNESS:t=0.12mm)



5 DRAWING FOR PACKING(1:2)

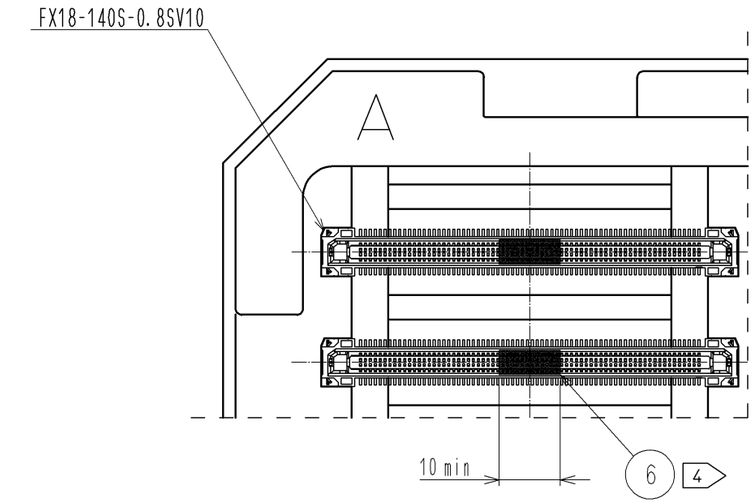


8 CONFIGURATION OF MF CONTACT A



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

C(1:1)



HRS DRAWING FOR REFERENCE

DRAWING NO.	EDC3-349392-00
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