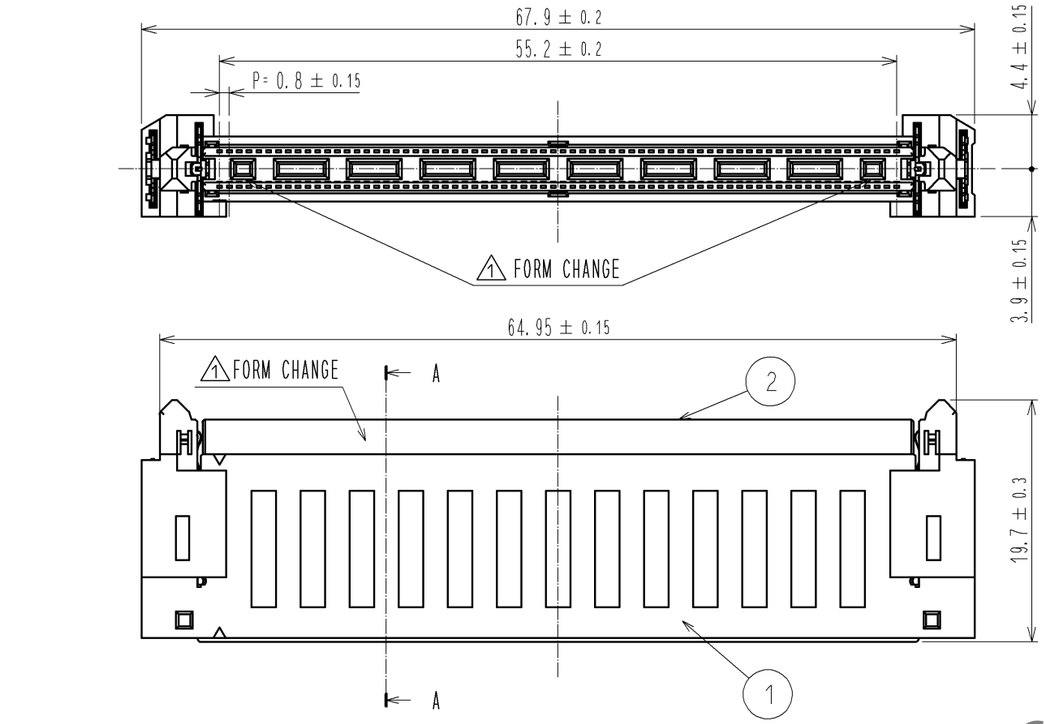
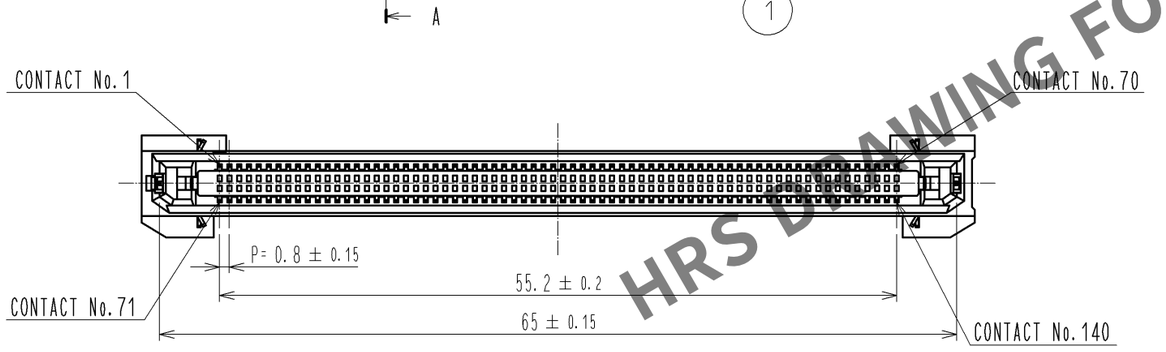
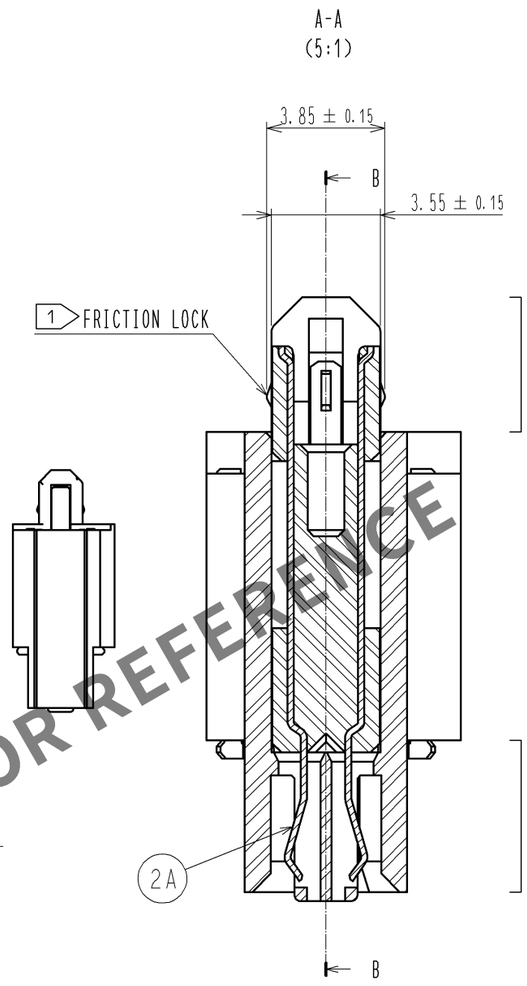
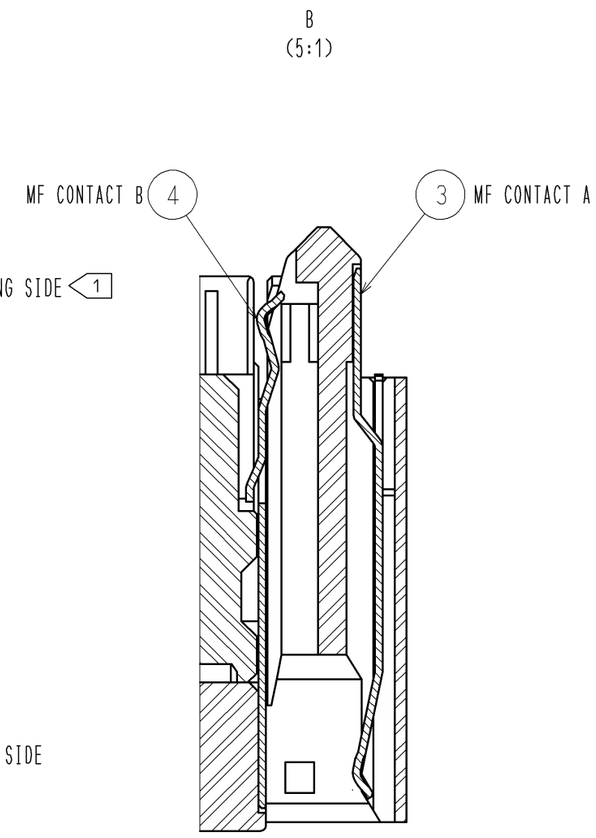
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HRS DRAWING FOR REFERENCE









NOTE
1. MOUNTING SIDE IS CONNECTED TO THE RECEPTACLE:FX18-140S-0.8SV** AND STABILIZED WITH FRICTION LOCKS. THE INSERTION/WITHDRAWAL IS ALLOWED UP TO 5 TIMES.
2. ALWAYS CONNECT THE MOUNTING SIDE TO THE RECEPTACLE FIRST AND THEN MATE THE MATING SIDE TO FX18-140P-0.8SV**.
3. THE MATING SIDE HAS SEQUENTIAL CONTACT STRUCTURE AS FOLLOWS. (MF CONTACT A=>SIGNAL CONTACT=>MF CONTACT B) WHEN USING THIS SEQUENTIAL STRUCTURE, PLEASE AVOID ANGLED INSERTION.
4. MF CONTACT A AND MF CONTACT B CAN BE USED AS POWER SUPPLY CONTACT. (3A/PIN MAX)
5. THIS IS PACKAGED IN TRAY. (30pcs/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.
8. RECOMMENDED SPACER HEIGHT FOR EACH COMBINATION. SPACERS ARE REQUIRED TO PROTECT THE SOLDER JOINTS FROM EXCESSIVE STRESS.

NO.	MATERIAL	FINISH , REMARKS
2A	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm UNDER PLATING:NICKEL 1.3μm
2	PBT	BLACK UL94V-0
1	POLYAMIDE	BLACK UL94V-0

NO.	MATERIAL	FINISH , REMARKS
5	POLYSTYRENE	
4	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm UNDER PLATING:NICKEL 1.3μm
3	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm UNDER PLATING:NICKEL 1.3μm

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	1	2	DIS-F-006933	TH. SANO	KI. HIROKAWA	13. 08. 05

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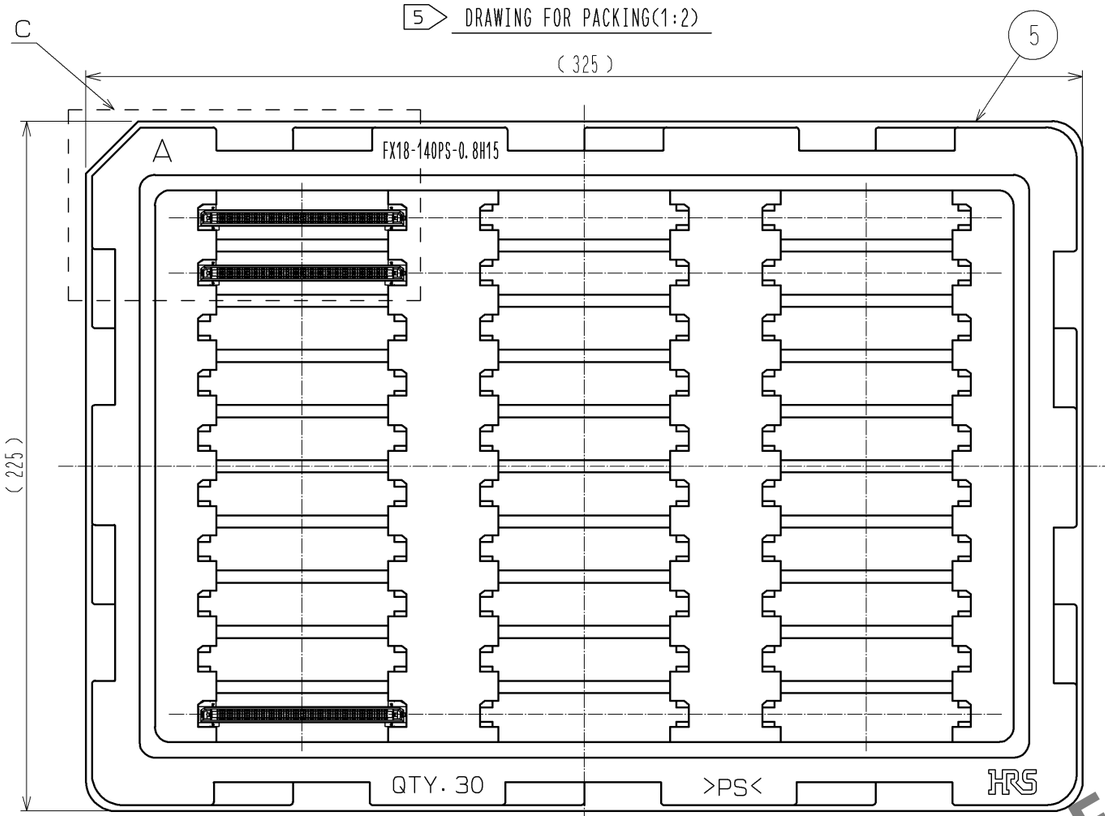
APPROVED	HS. OKAWA	13. 04. 02
CHECKED	KI. HIROKAWA	13. 04. 02
DESIGNED	TH. SANO	13. 04. 02
DRAWN	TH. SANO	13. 04. 02

DRAWING NO.	EDC3-349366-00
PART NO.	FX18-140PS-0.8H15
CODE NO.	CL579-0054-9-00

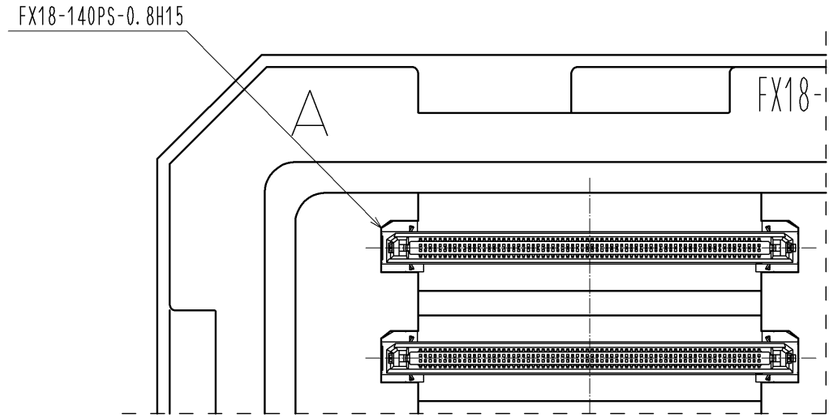
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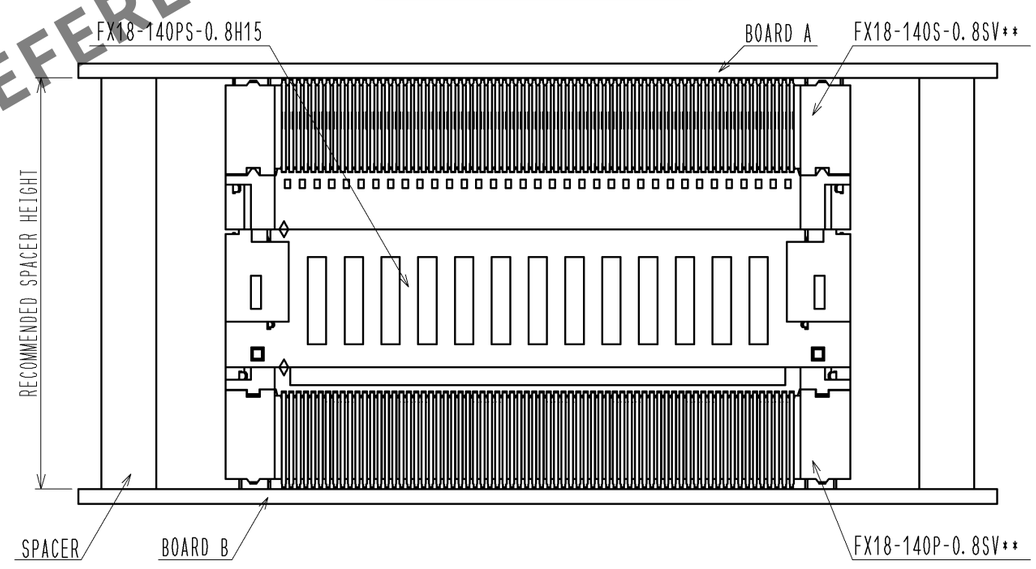
5 DRAWING FOR PACKING(1:2)



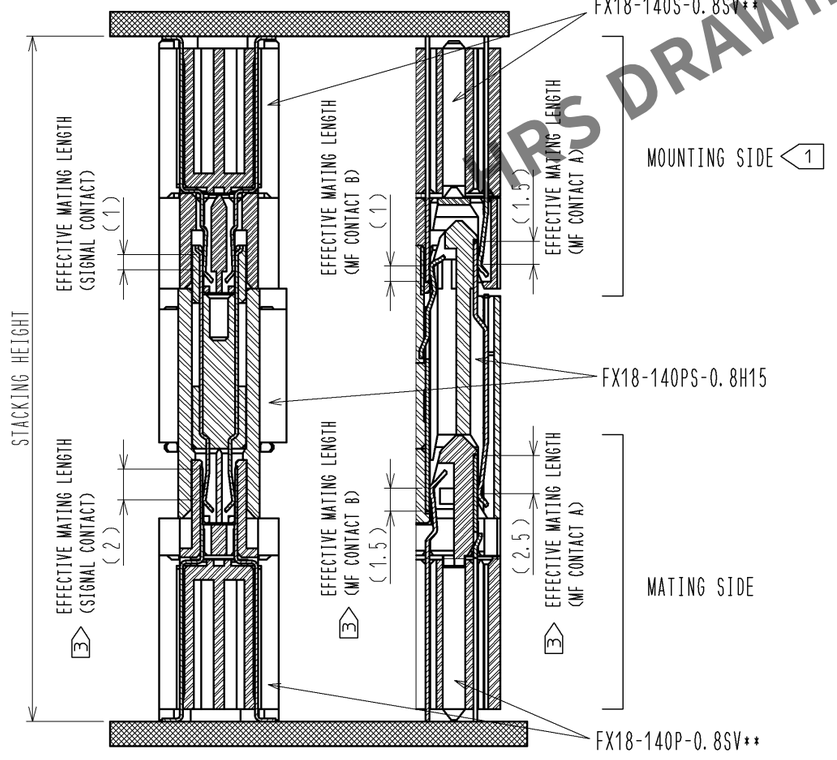
C (1 : 1)



8 RECOMMENDED SPACER HEIGHT(FREE)



CROSS SECTION OF MATING(FREE)



8 RECOMMENDED SPACER HEIGHT FOR EACH COMBINATION

STACKING HEIGHT	PLUG	INTERPOSER	RECEPTACLE	RECOMMENDED SPACER HEIGHT
25mm	FX18-140P-0.8SV	FX18-140PS-0.8H15	FX18-140S-0.8SV10	25.3±0.127
30mm	FX18-140P-0.8SV	FX18-140PS-0.8H15	FX18-140S-0.8SV15	30±0.127
35mm	FX18-140P-0.8SV	FX18-140PS-0.8H15	FX18-140S-0.8SV20	35±0.127
35mm	FX18-140P-0.8SV10	FX18-140PS-0.8H15	FX18-140S-0.8SV10	35.3±0.127
40mm	FX18-140P-0.8SV10	FX18-140PS-0.8H15	FX18-140S-0.8SV15	40±0.127
45mm	FX18-140P-0.8SV10	FX18-140PS-0.8H15	FX18-140S-0.8SV20	45±0.127

HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC3-349366-00
	PART NO.	FX18-140PS-0.8H15
	CODE NO.	CL579-0054-9-00
		1 2/2