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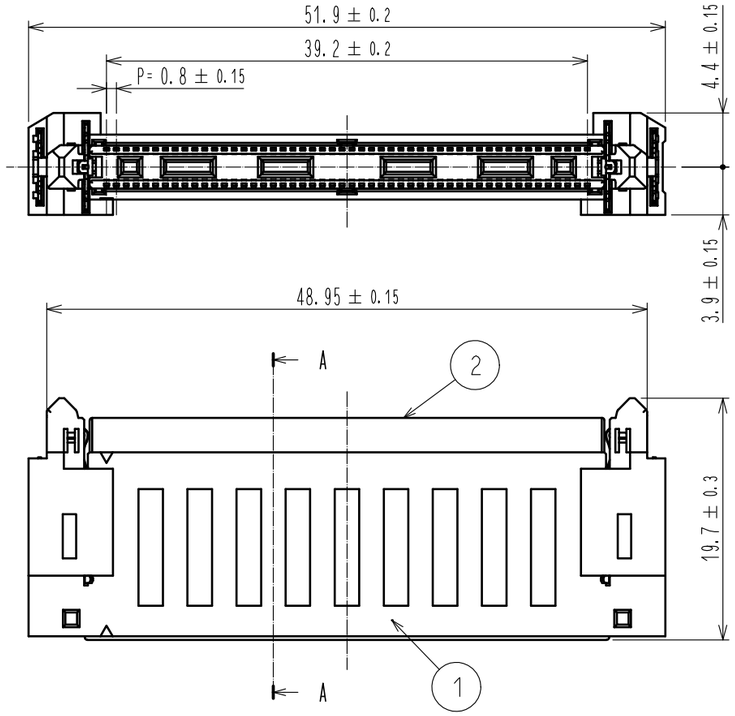

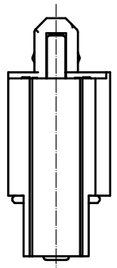

A-A
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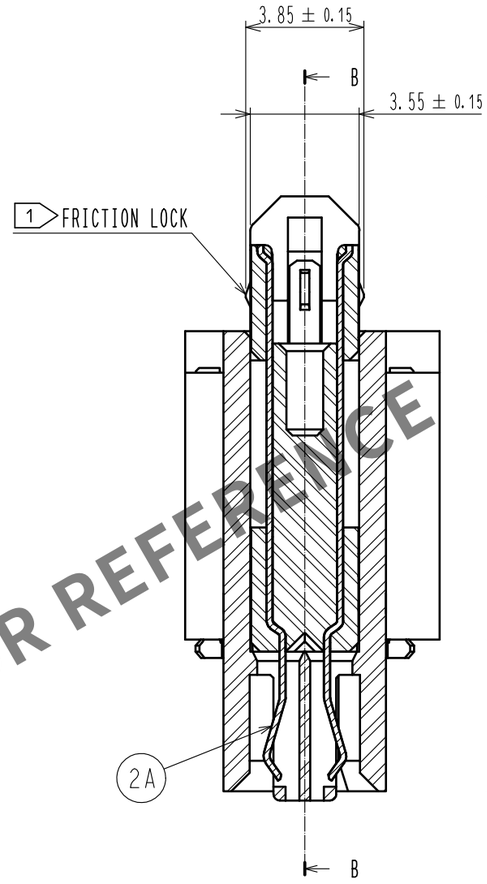

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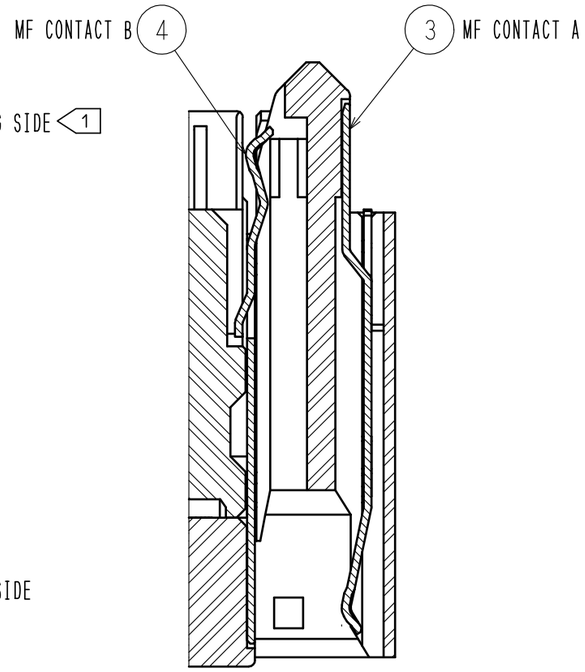

HRS DRAWING FOR REFERENCE

NOTE 1 MOUNTING SIDE IS CONNECTED TO THE RECEPTACLE:FX18-100S-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 FX18-100P-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. (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.
8 RECOMMENDED SPACER HEIGHT FOR EACH COMBINATION. SPACERS ARE REQUIRED TO PROTECT THE SOLDER JOINTS FROM EXCESSIVE STRESS.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
2A	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm UNDER PLATING:NICKEL 1.3μm	5	POLYSTYRENE	
2	PBT	BLACK UL94V-0	4	COPPER ALLOY	CONTACT AREA:GOLD 0.1μm UNDER PLATING:NICKEL 1.3μm
1	POLYAMIDE	BLACK UL94V-0	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	0					

HRS HIROSE ELECTRIC CO., LTD.

APPROVED	HS. OKAWA	15.01.30
CHECKED	HT. YAMAGUCHI	15.01.30
DESIGNED	TH. SANO	15.01.29
DRAWN	TH. SANO	15.01.29

DRAWING NO.	EDC-349364-00-00
PART NO.	FX18-100PS-0.8H15
CODE NO.	CL579-0052-3-00

0 1/2

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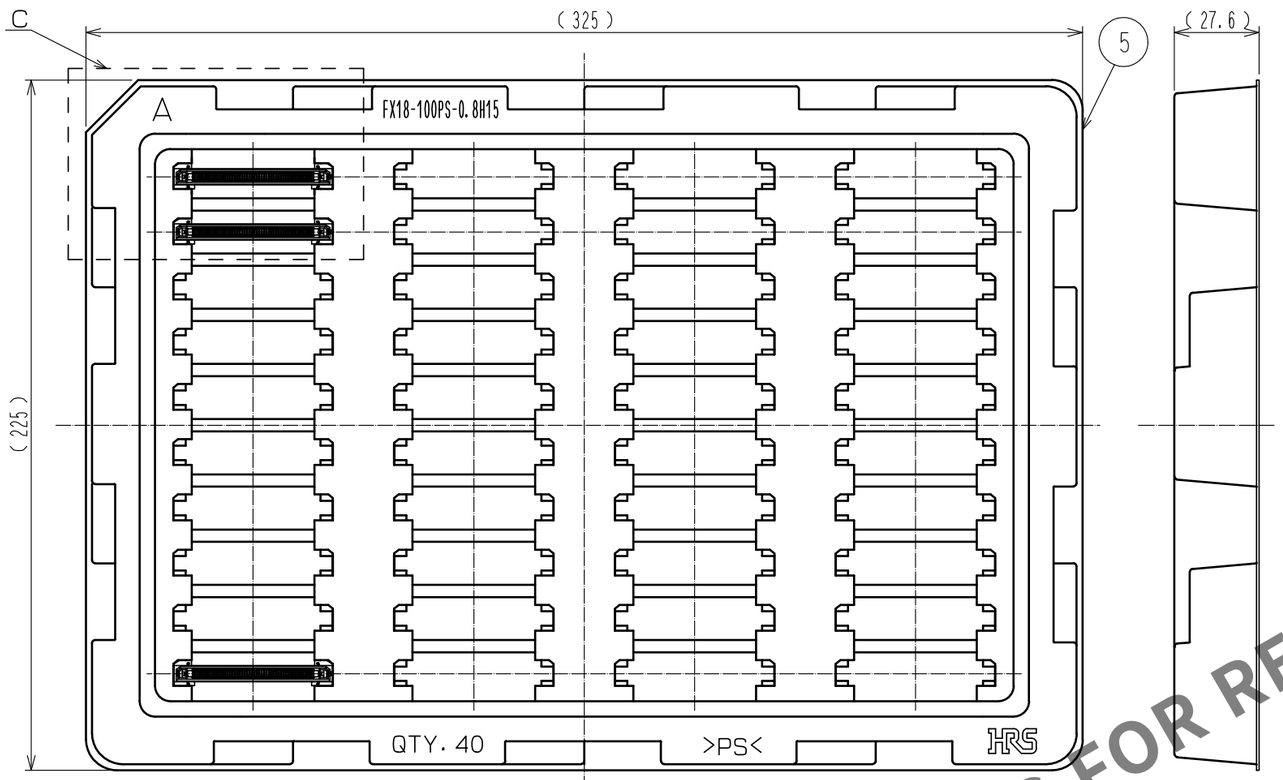
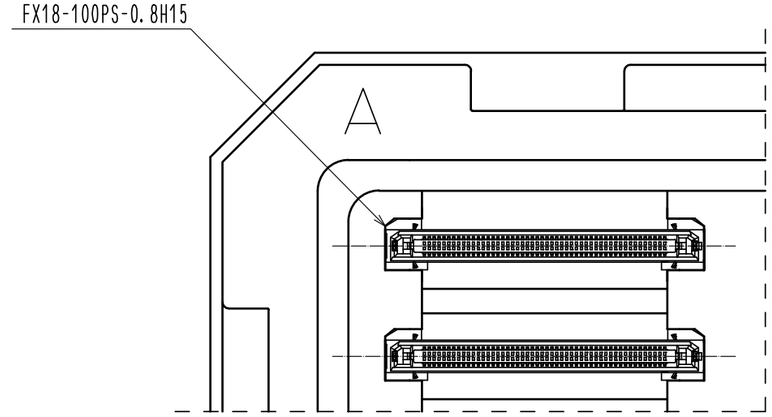
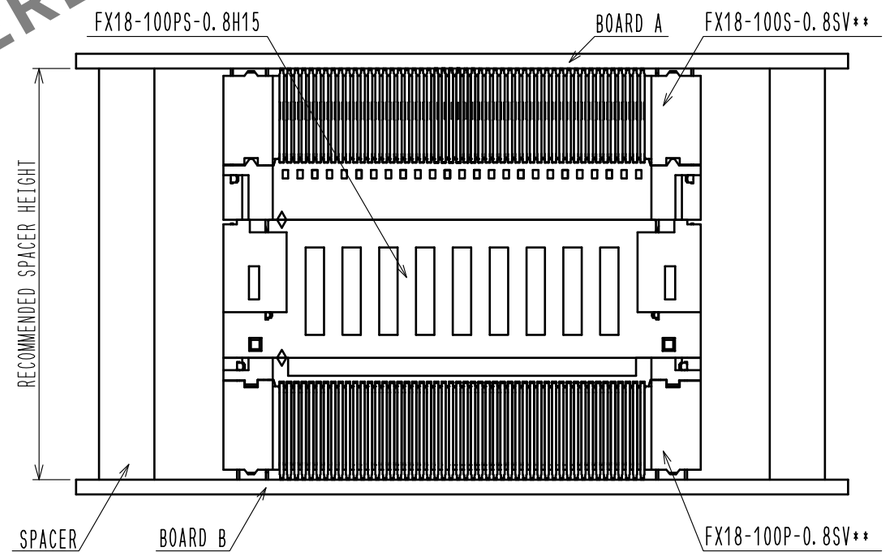
5 DRAWING FOR PACKING(1:2)



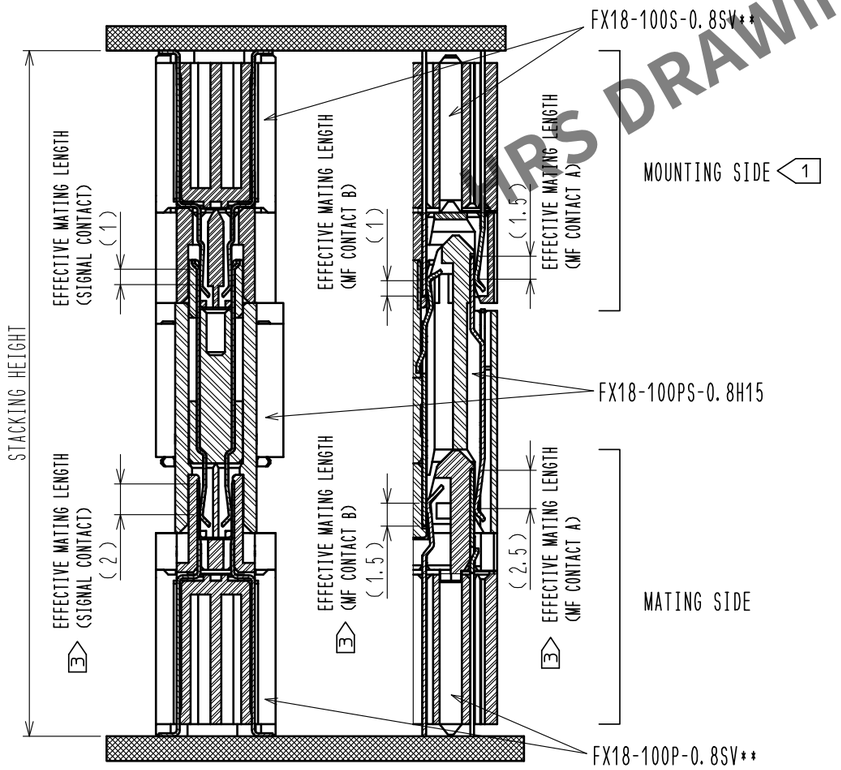
C(1:1)



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	FX18-100P-0.8SV	FX18-100PS-0.8H15	FX18-100S-0.8SV10	25.3±0.127
30mm	FX18-100P-0.8SV	FX18-100PS-0.8H15	FX18-100S-0.8SV15	30±0.127
35mm	FX18-100P-0.8SV	FX18-100PS-0.8H15	FX18-100S-0.8SV20	35±0.127
35mm	FX18-100P-0.8SV10	FX18-100PS-0.8H15	FX18-100S-0.8SV10	35.3±0.127
40mm	FX18-100P-0.8SV10	FX18-100PS-0.8H15	FX18-100S-0.8SV15	40±0.127
45mm	FX18-100P-0.8SV10	FX18-100PS-0.8H15	FX18-100S-0.8SV20	45±0.127

HRS DRAWING FOR REFERENCE

HRS

DRAWING NO.	EDC-349364-00-00
PART NO.	FX18-100PS-0.8H15
CODE NO.	CL579-0052-3-00

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FORM HC0011-5-8