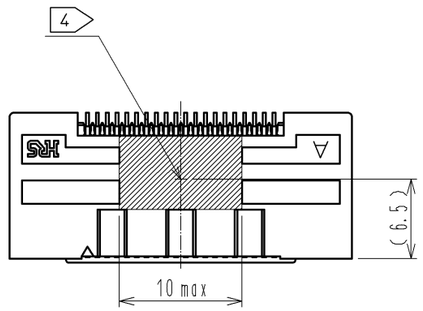
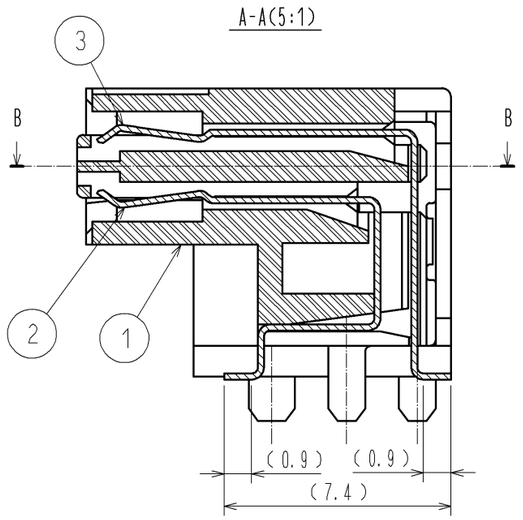
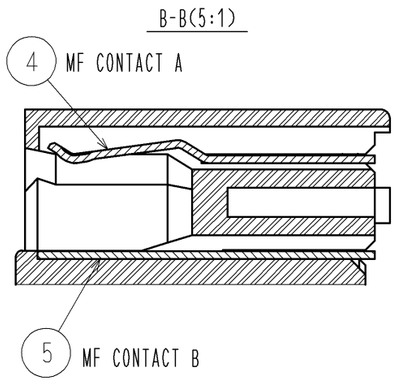
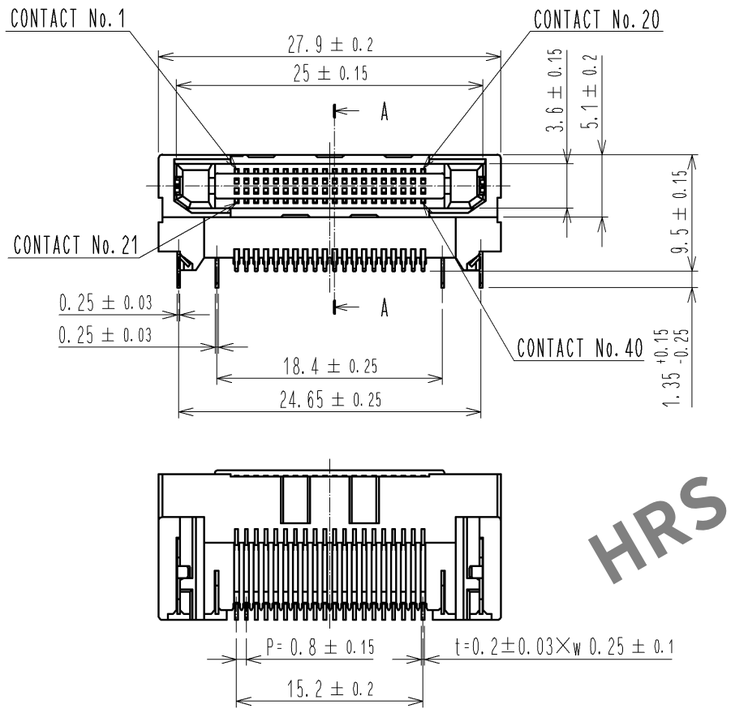
Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

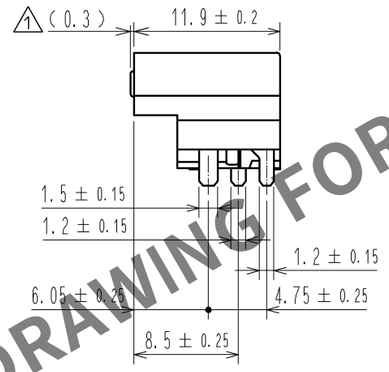
HRS DRAWING FOR REFERENCE

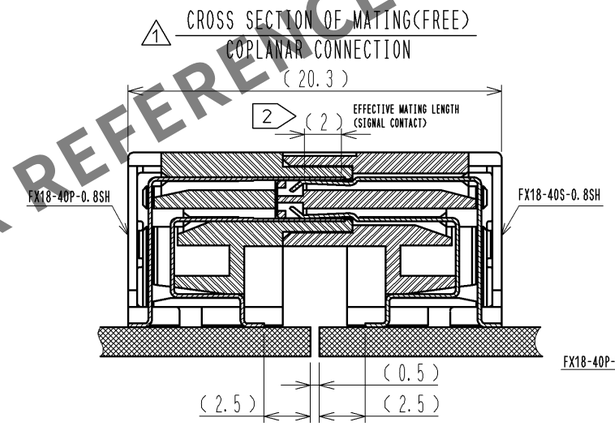


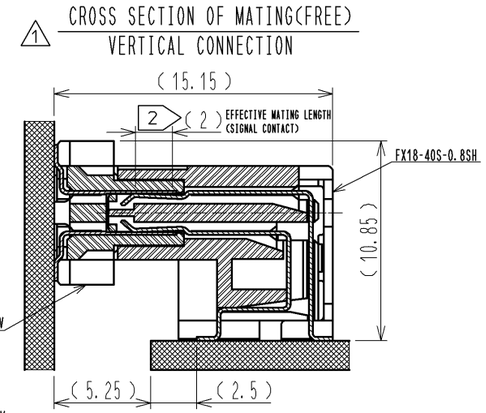


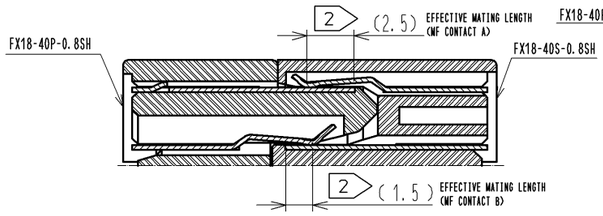


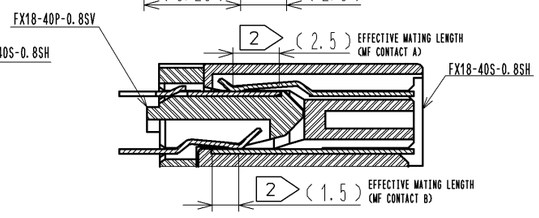












NOTE 1 LEAD CO—PLANARITY IS 0.1mm MAX.
2 CONTACTS ARE 3 STEPS SEQUENTIAL. (MF CONTACT A=>SIGNAL CONTACT=>MF CONTACT B)
WHEN USING THIS SEQUENTIAL STRUCTURE, PLEASE AVOID ANGLED INSERTION.
3 MF CONTACT A AND MF CONTACT B CAN BE USED AS POWER SUPPLY CONTACT. (3A/PIN MAX)
4 IT SHOWS CONNECTOR'S CENTRE OF GRAVITY AND VACUUM PICKUP AREA.
5 PACKING FOR PRODUCT APPLIES EMBOSSED CARRIER TAPE PACKING.(300pcs/RL)
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.
1 8 SOLDERING LEAD OF MF CONTACT A SPLITS INTO TWO POLES.
BE SURE TO CONNECT TO THE SAME CIRCUIT.

NO.	MATERIAL	FINISH , REMARKS
3	PHOSPHOR BRONZE	CONTACT AREA:GOLD 0.1μm LEAD AREA:GOLD 0.03μm UNDER PLATING:NICKEL 1.3μm
2	PHOSPHOR BRONZE	CONTACT AREA:GOLD 0.1μm LEAD AREA:GOLD 0.03μm UNDER PLATING:NICKEL 1.3μm
1	POLYAMIDE	BLACK UL94V-0

NO.	MATERIAL	FINISH , REMARKS
7	POLYESTER	(EMBOSSED COVER TAPE)
6	POLYSTYRENE	(EMBOSSED CARRIER TAPE)
5	PHOSPHOR BRONZE	CONTACT AREA:GOLD 0.1μm LEAD AREA:TIN-PLATING 1μm UNDER PLATING:NICKEL 1.3μm
4	PHOSPHOR BRONZE	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	1	8	DIS-F-005578	TH. SANO	KI. HIROKAWA	11.07.21

HIROSE ELECTRIC CO., LTD.

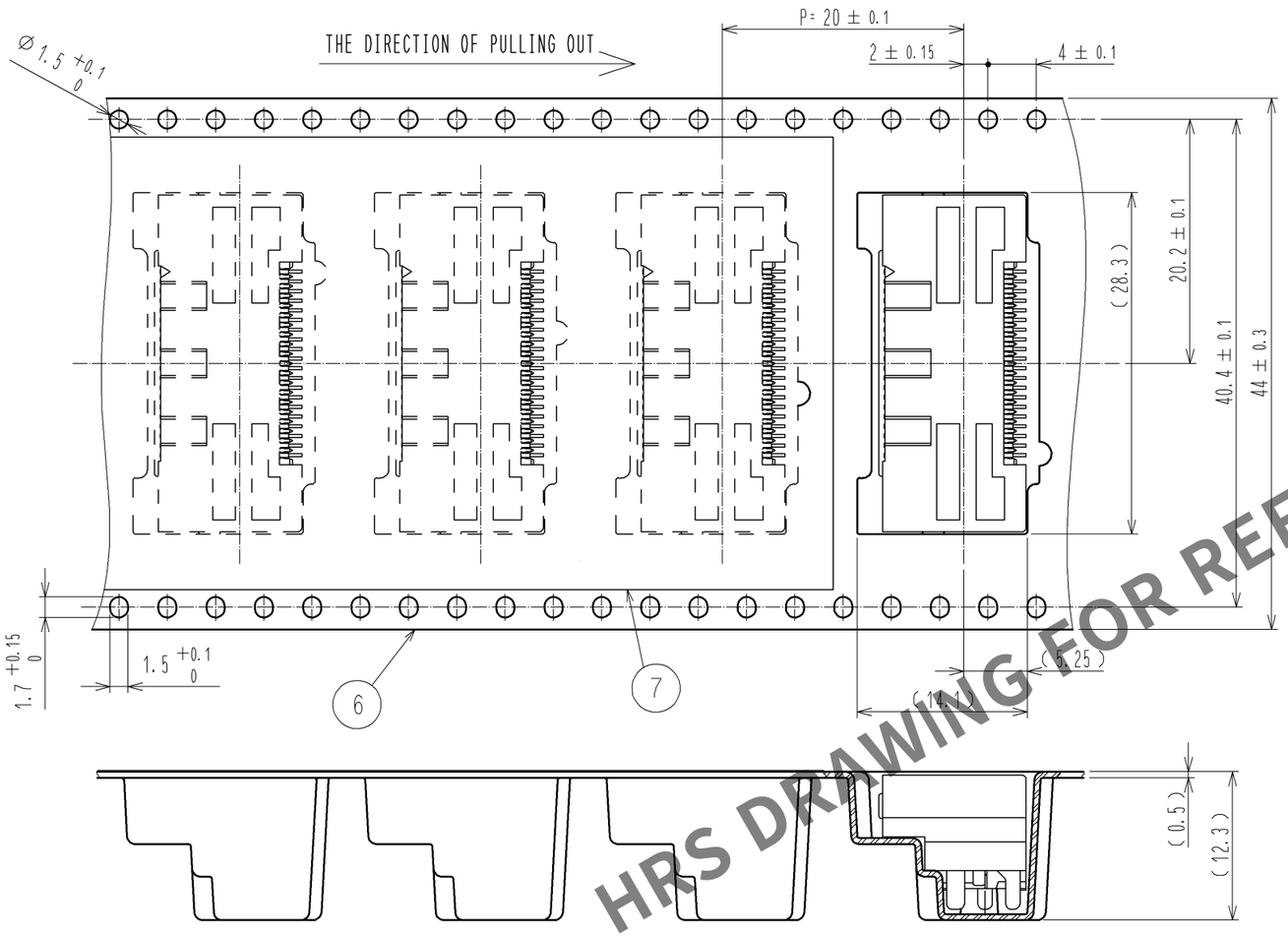
APPROVED	HS. OKAWA	09.10.13
CHECED	KI. HIROKAWA	09.10.13
DESIGNED	TH. SANO	09.10.13
DRAWN	TH. SANO	09.10.13

DRAWING NO.	EDC3-159081-02
PART NO.	FX18-40S-0.8SH(11)
CODE NO.	CL579-0009-4-11

1 1/2

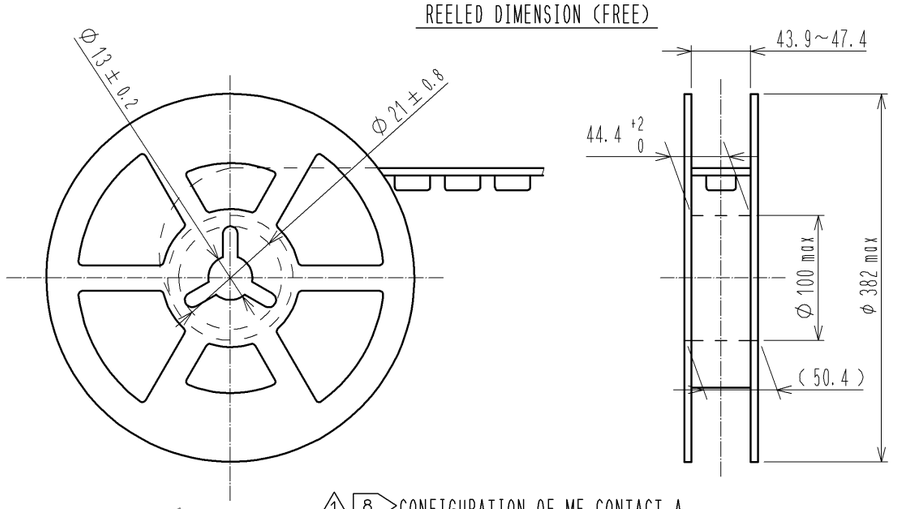
Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

5 DRAWING OF PACKING (2:1)

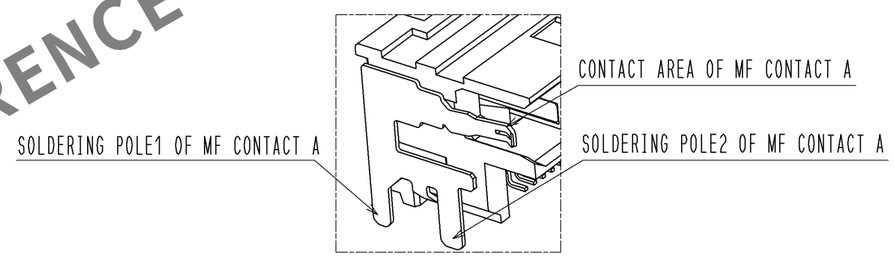


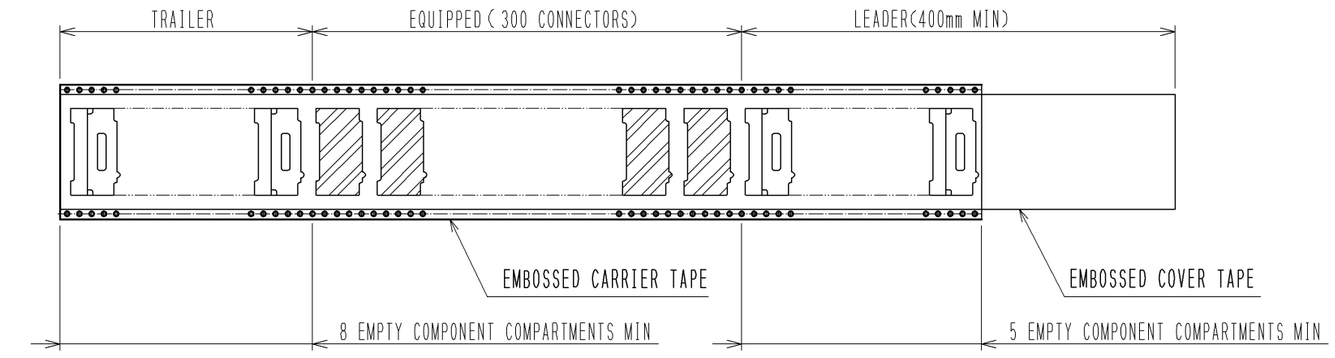
HRS DRAWING FOR REFERENCE

REELED DIMENSION (FREE)

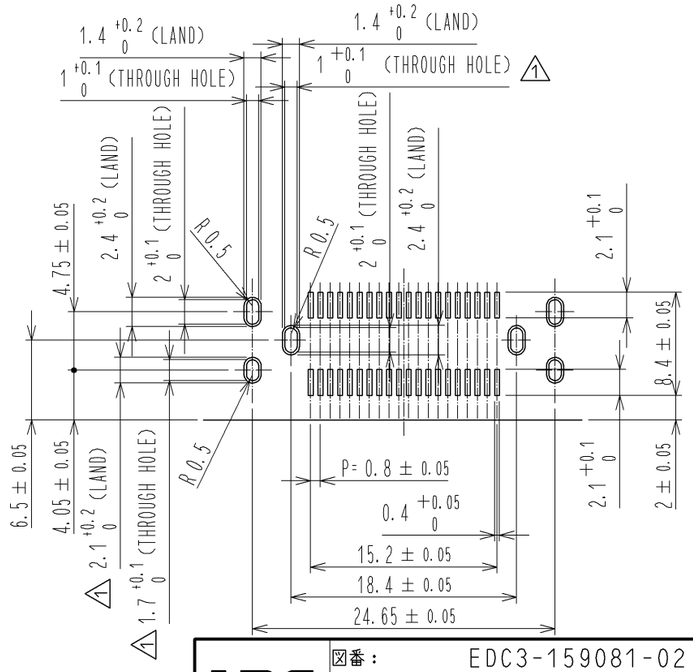


⚠1 8 CONFIGURATION OF MF CONTACT A





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



HRS	図番：	EDC3-159081-02
	製品名：	FX18-40S-0.8SH(11)
	製品コード	CL579-0009-4-11 ⚠1 2/2