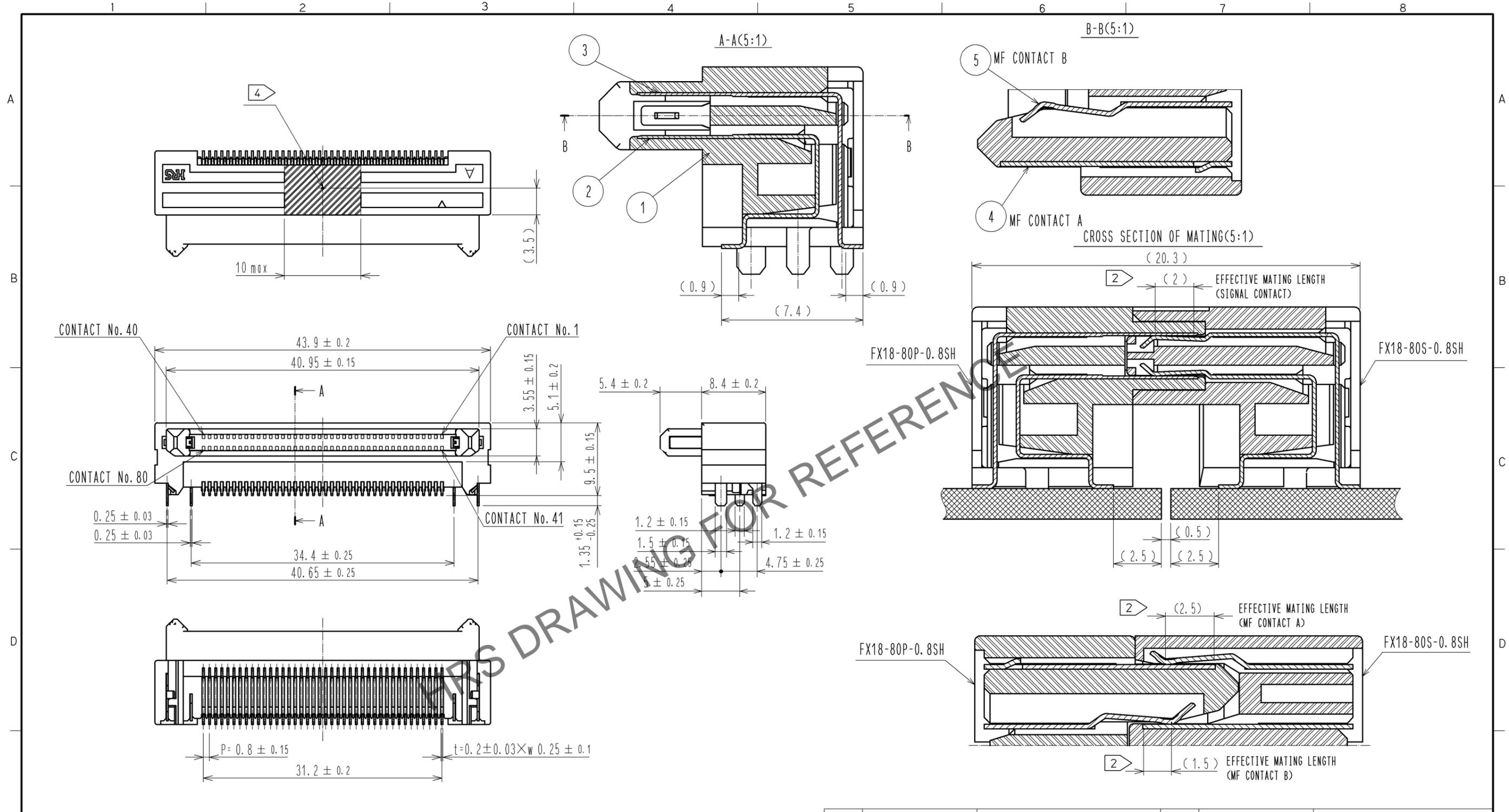


Feb.1.2026 Copyright 2026 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



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 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.

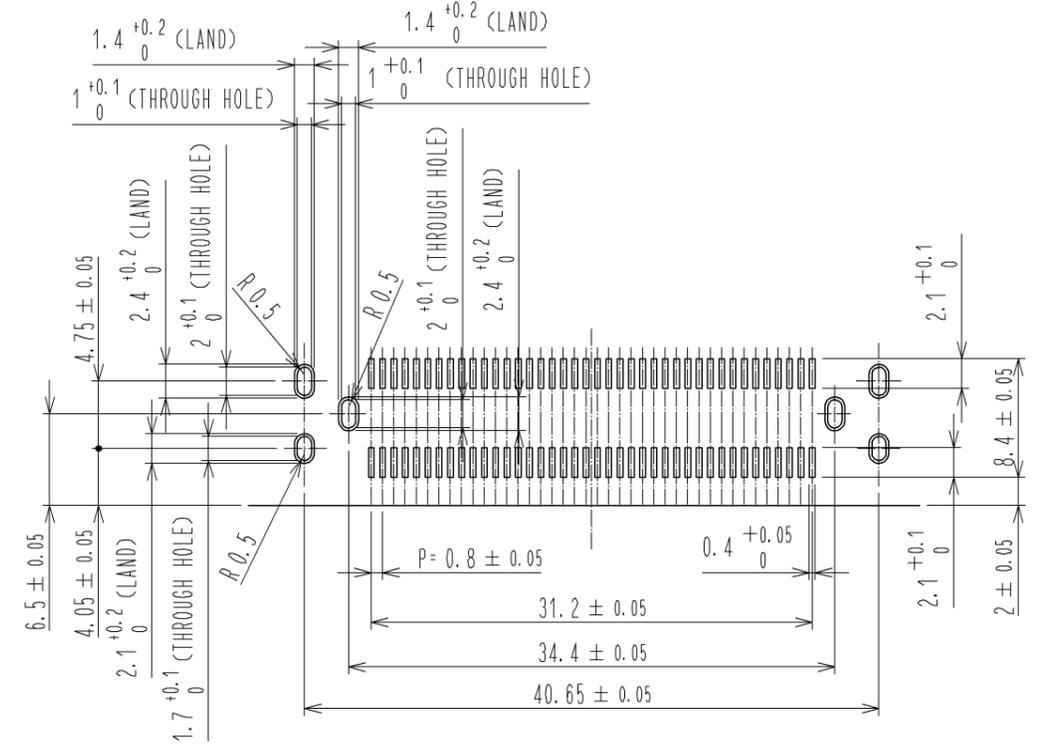
NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
3	PHOSPHOR BRONZE	CONTACT AREA:GOLD 0.1µm		6	POLYSTYRENE		
		LEAD AREA:GOLD 0.03µm		5	PHOSPHOR BRONZE	CONTACT AREA:GOLD 0.1µm	
		UNDER PLATING:NICKEL 1.3µm				LEAD AREA:TIN-PLATING 1µm	
2	PHOSPHOR BRONZE	CONTACT AREA:GOLD 0.1µm		4	PHOSPHOR BRONZE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

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2:1	△	APPROVED : HS. OKAWA 11.09.29			
			CHECED : KI. HIROKAWA 11.09.29			
			DESIGNED : TH. SANO 11.09.29			
			DRAWN : TH. SANO 11.09.29			

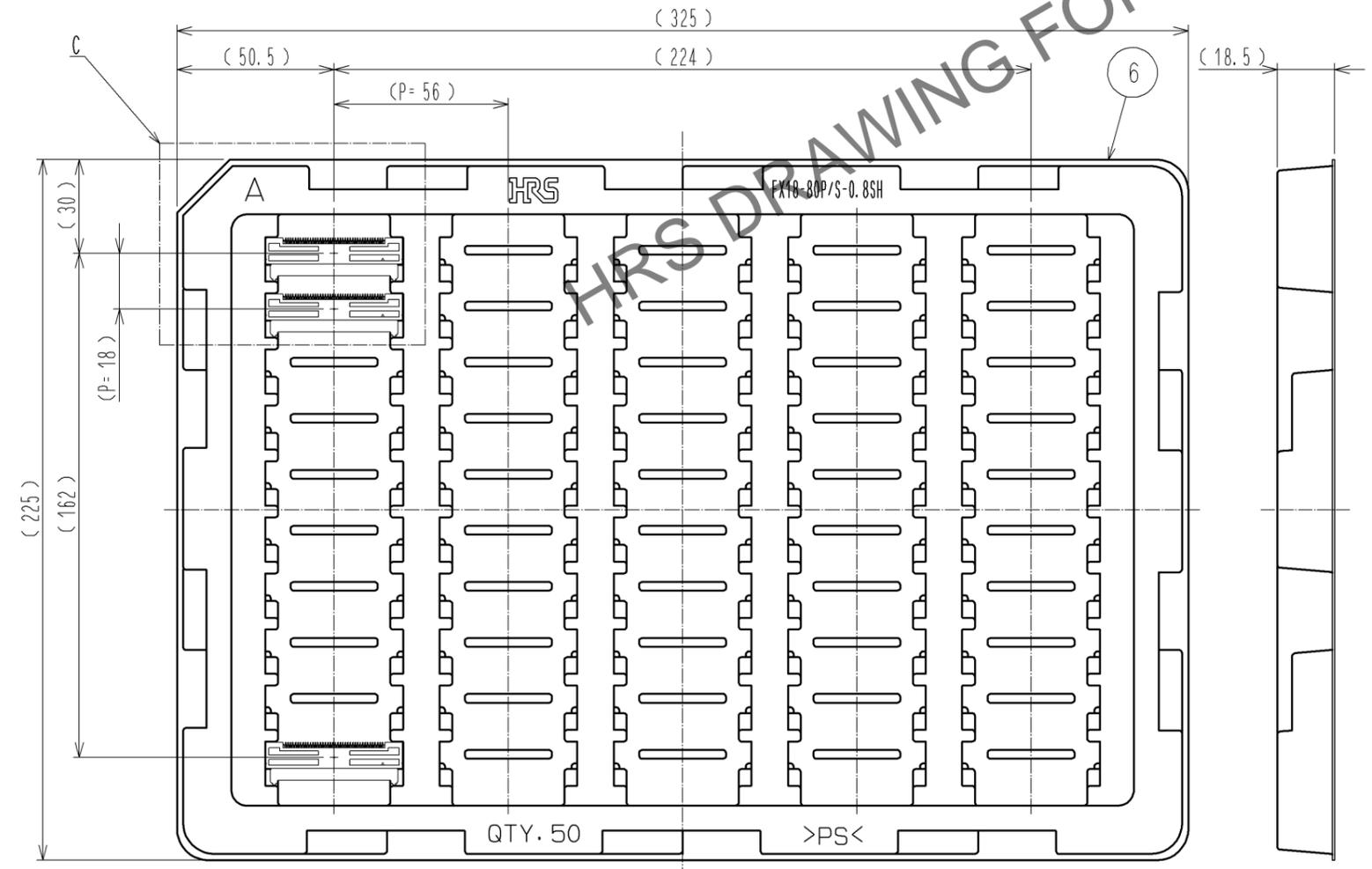
DRAWING NO.	PART NO.	CODE NO.
EDC3-159076-00	FX18-80P-0.8SH	CL579-0004-0-00

Feb.1.2026 Copyright 2026 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.

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

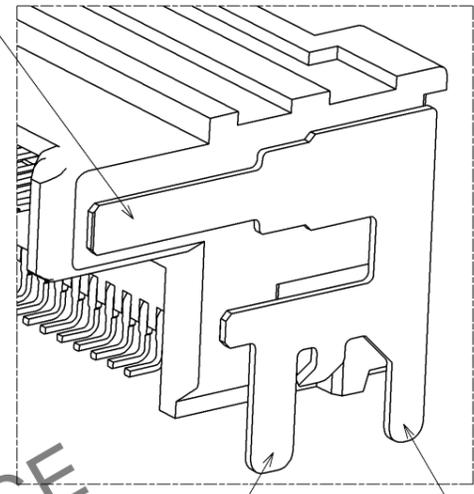


5 DRAWING FOR PACKING(1:2)



8 CONFIGURATION OF MF CONTACT A

CONTACT AREA OF MF CONTACT A



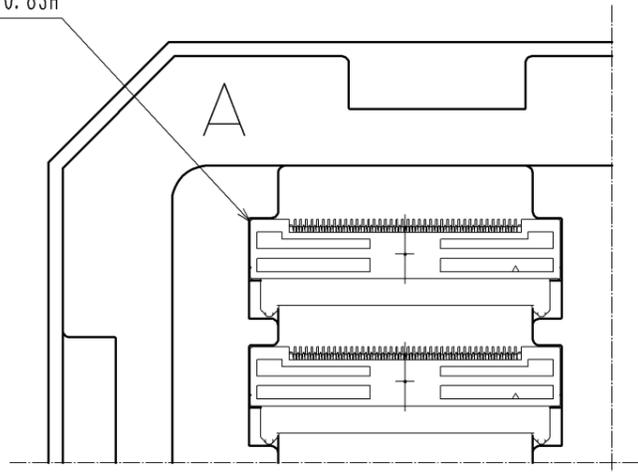
SOLDERING POLE2 OF MF CONTACT A

SOLDERING POLE1 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)

FX18-80P-0.8SH



HRS	DRAWING NO.	EDC3-159076-00	△ 2/2
	PART NO.	FX18-80P-0.8SH	
	CODE NO.	CL579-0004-0-00	