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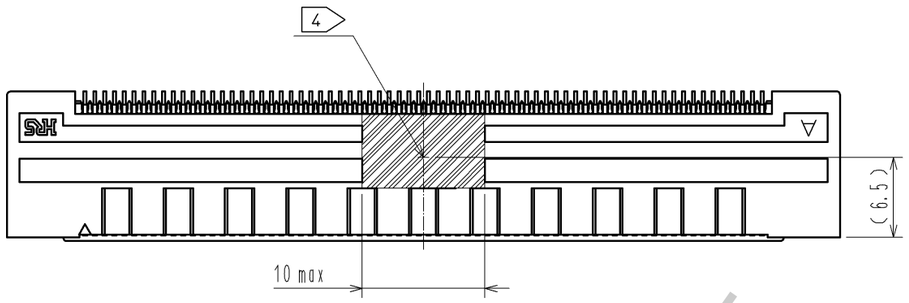
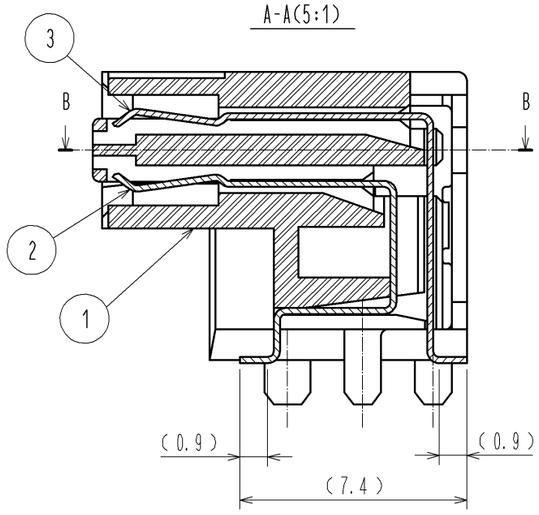
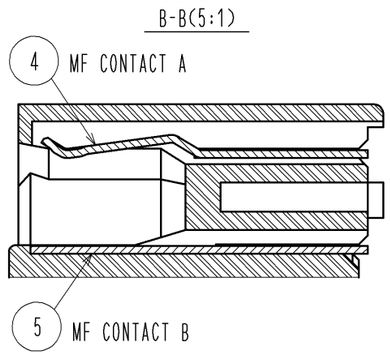
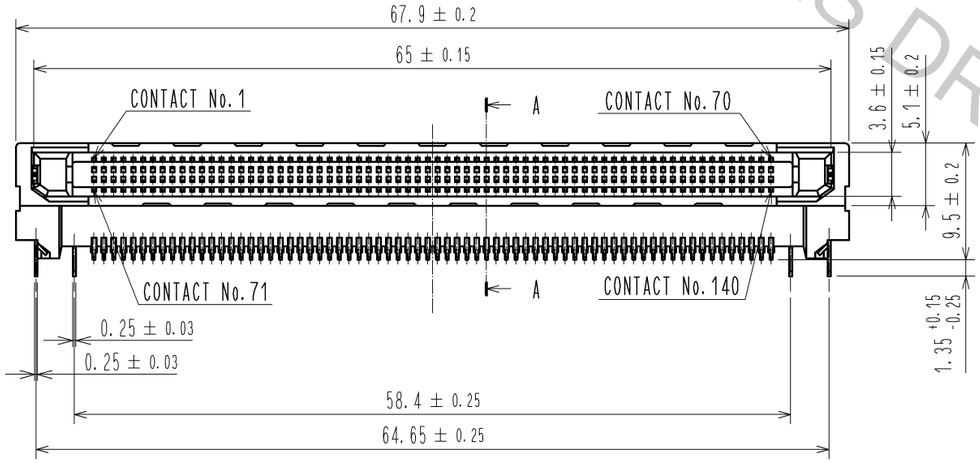
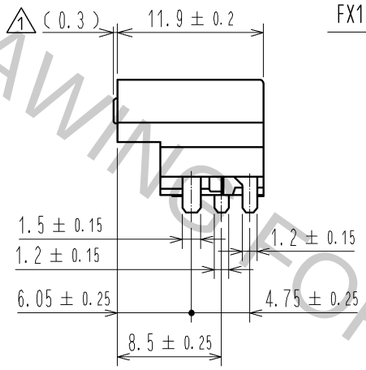
HRS DRAWING FOR REFERENCE

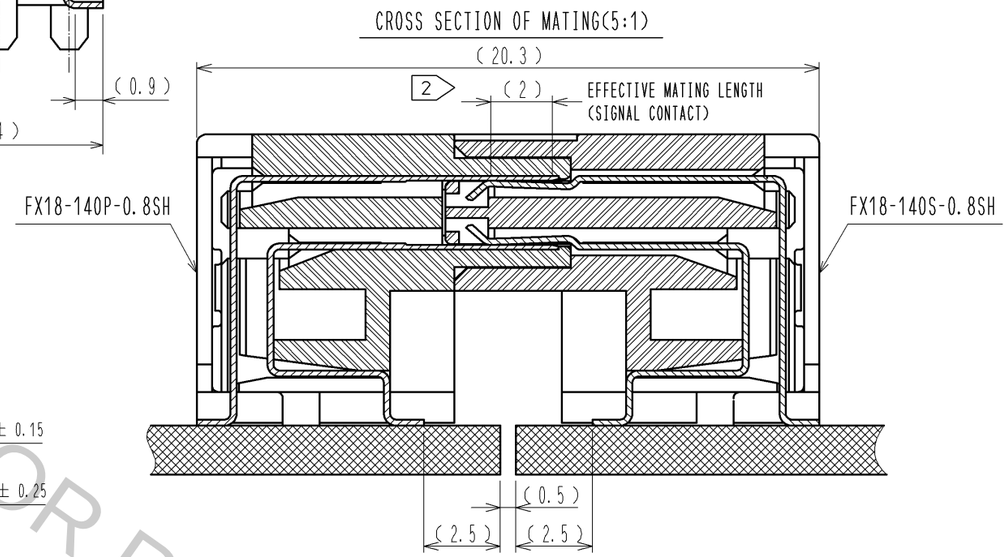


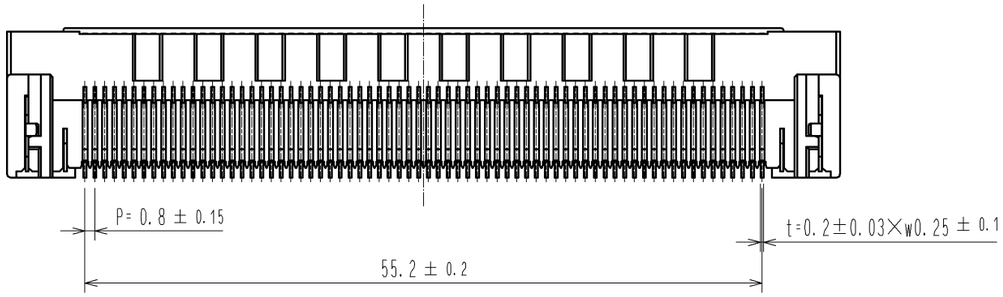



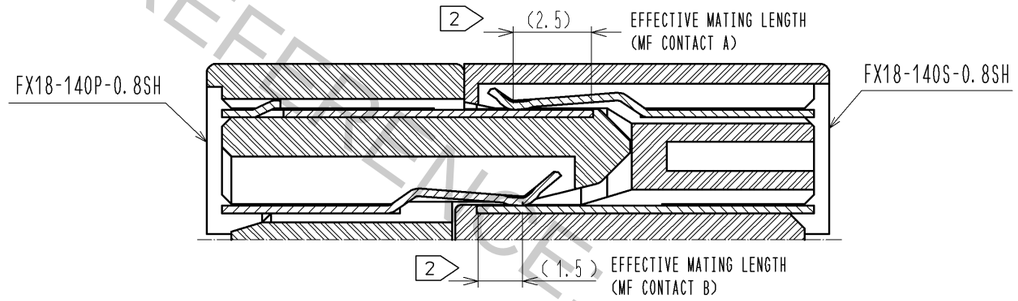




NOTE 1 LEAD CO—PLANARITY IS 0.1mm MAX.
2 CONTACTS ARE 3 STEPS SEQUENTIAL. (MF CONTACT A=>SIGNAL CONTACT=>MF CONTACT B)
WHEN USING THIS SEQUENTIAL STRUCTURE, PLEASE AVOID ANGLED INSERTION.
3 MF CONTACT A AND MF CONTACT B CAN BE USED AS POWER SUPPLY CONTACT. (3A/PIN MAX)
4 IT SHOWS CONNECTOR'S CENTRE OF GRAVITY AND VACUUM PICKUP AREA.
5 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 | NO. | MATERIAL | FINISH , REMARKS |
|---|---|---|---|---|---|
| 3 | PHOSPHOR BRONZE | CONTACT AREA:GOLD 0.1μm<br>LEAD AREA:GOLD 0.03μm<br>UNDER PLATING:NICKEL 1.3μm | 6 | POLYSTYRENE | |
| 2 | PHOSPHOR BRONZE | CONTACT AREA:GOLD 0.1μm<br>LEAD AREA:GOLD 0.03μm<br>UNDER PLATING:NICKEL 1.3μm | 5 | PHOSPHOR BRONZE | CONTACT AREA:GOLD 0.1μm<br>LEAD AREA:TIN-PLATING 1μm<br>UNDER PLATING:NICKEL 1.3μm |
| 1 | POLYAMIDE | BLACK UL94V-0 | 4 | PHOSPHOR BRONZE | CONTACT AREA:GOLD 0.1μm<br>LEAD AREA:TIN-PLATING 1μm<br>UNDER PLATING:NICKEL 1.3μm |

| UNITS | SCALE | | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|---|---|---|---|---|---|---|---|
| mm | 2 : 1 | 1 | 5 | DIS-F-005578 | TH. SANO | KI. HIROKAWA | 11. 07. 21 |

HIROSE ELECTRIC CO., LTD.

| | | |
|---|---|---|
| APPROVED | HS. OKAWA | 11. 03. 24 |
| CHECED | KI. HIROKAWA | 11. 03. 24 |
| DESIGNED | TH. SANO | 11. 03. 24 |
| DRAWN | TH. SANO | 11. 03. 24 |

| | |
|---|---|
| DRAWING NO. | EDC3-159086-00 |
| PART NO. | FX18-140S-0.8SH |
| CODE NO. | CL579-0014-4-00 |

1/2

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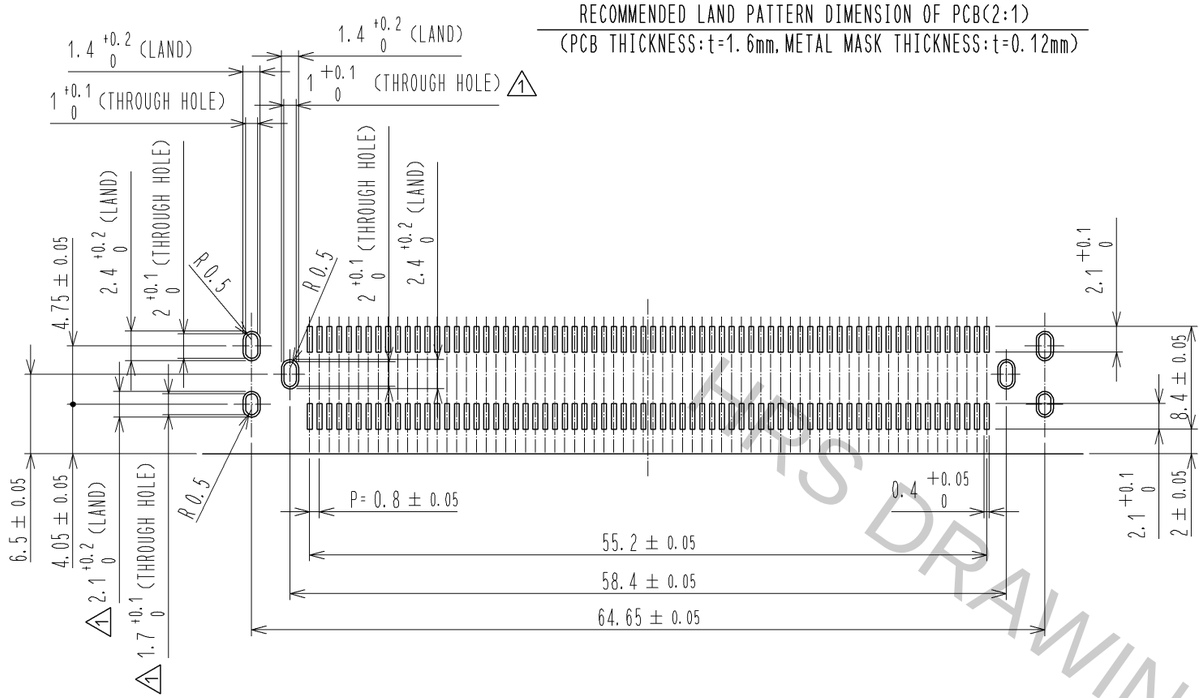
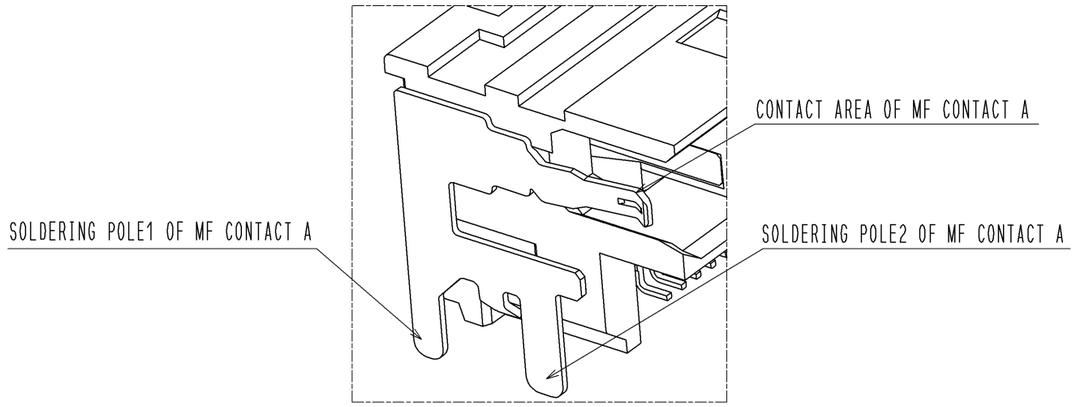
## RECOMMENDED LAND PATTERN DIMENSION OF PCB(2:1)
(PCB THICKNESS: t=1.6mm, METAL MASK THICKNESS: t=0.12mm)

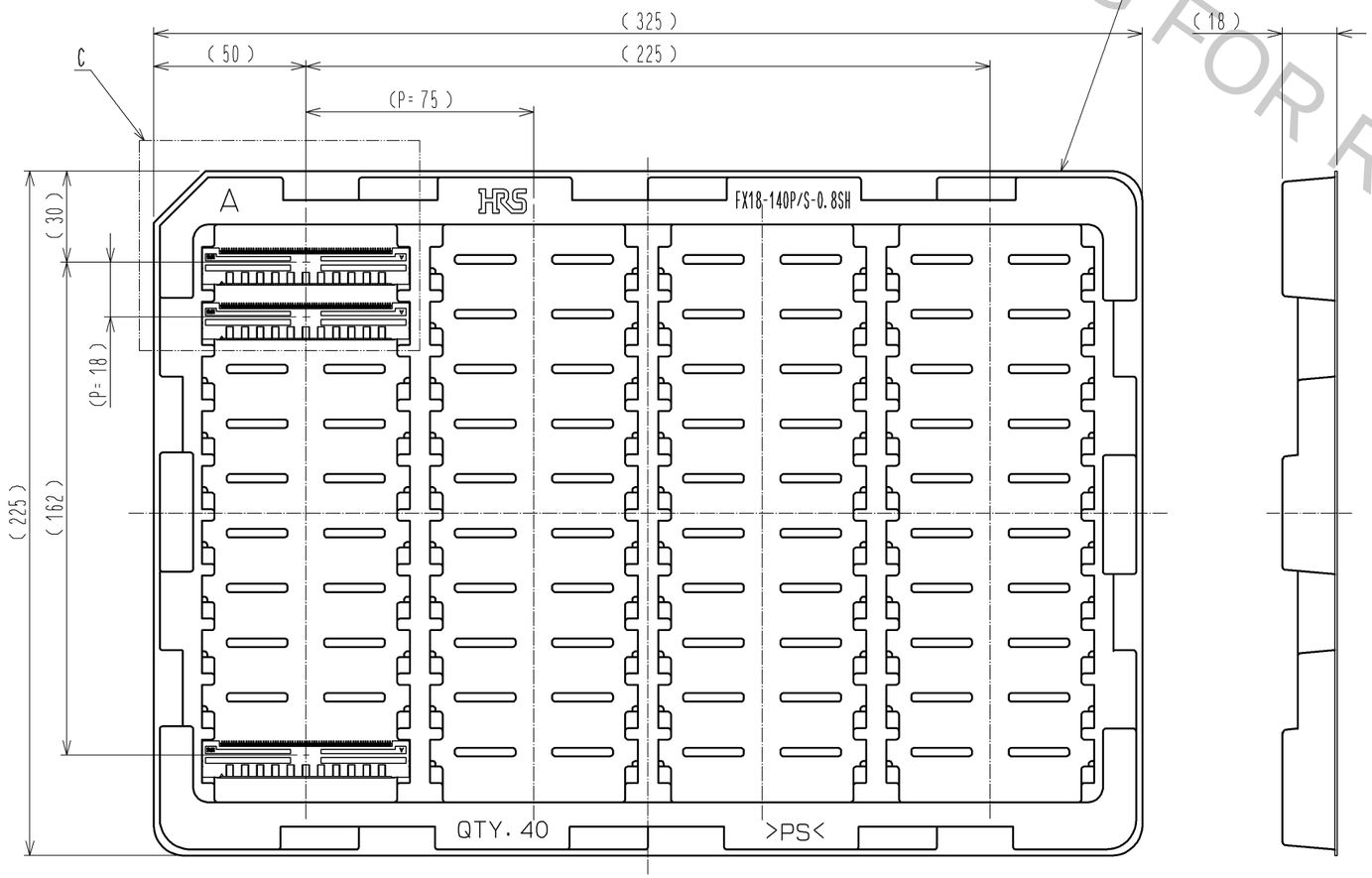



## 1 8 CONFIGURATION OF MF CONTACT A

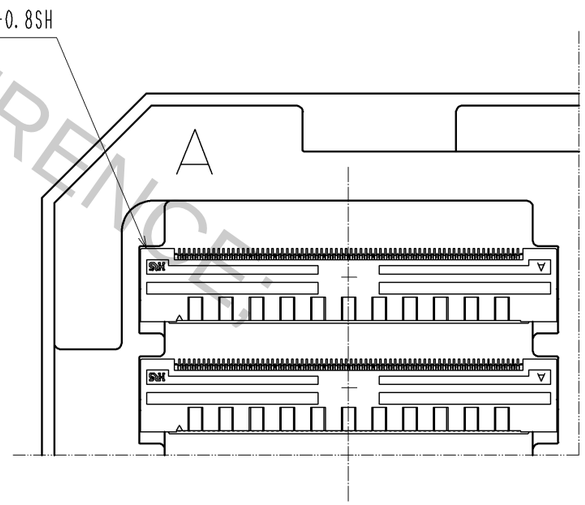



NOTE 8 SOLDERING LEAD OF MF CONTACT A SPLITS INTO TWO POLES.
BE SURE TO CONNECT TO THE SAME CIRCUIT.

## 5 DRAWING FOR PACKING(1:2)




## C(1:1)




HRS DRAWING FOR REFERENCE

| | |
|---|---|
| 図番： | EDC3-159086-00 |
| 製品名： | FX18-140S-0.8SH |
| 製品コード | CL579-0014-4-00 |
| | 1 2/2 |