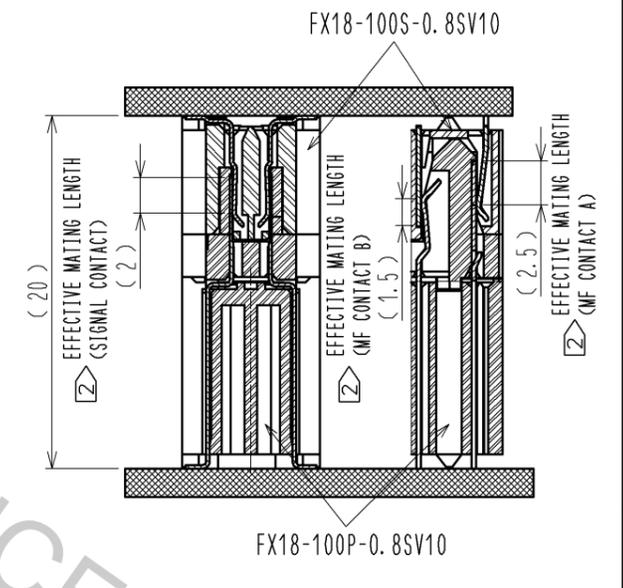
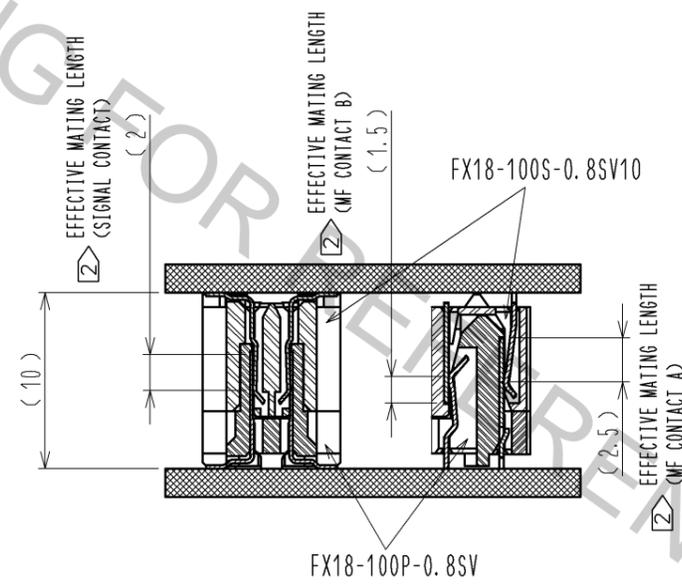


CROSS SECTION OF MATING(FREE)
 STACKING HEIGHT=10mm

CROSS SECTION OF MATING(FREE)
 STACKING HEIGHT=20mm



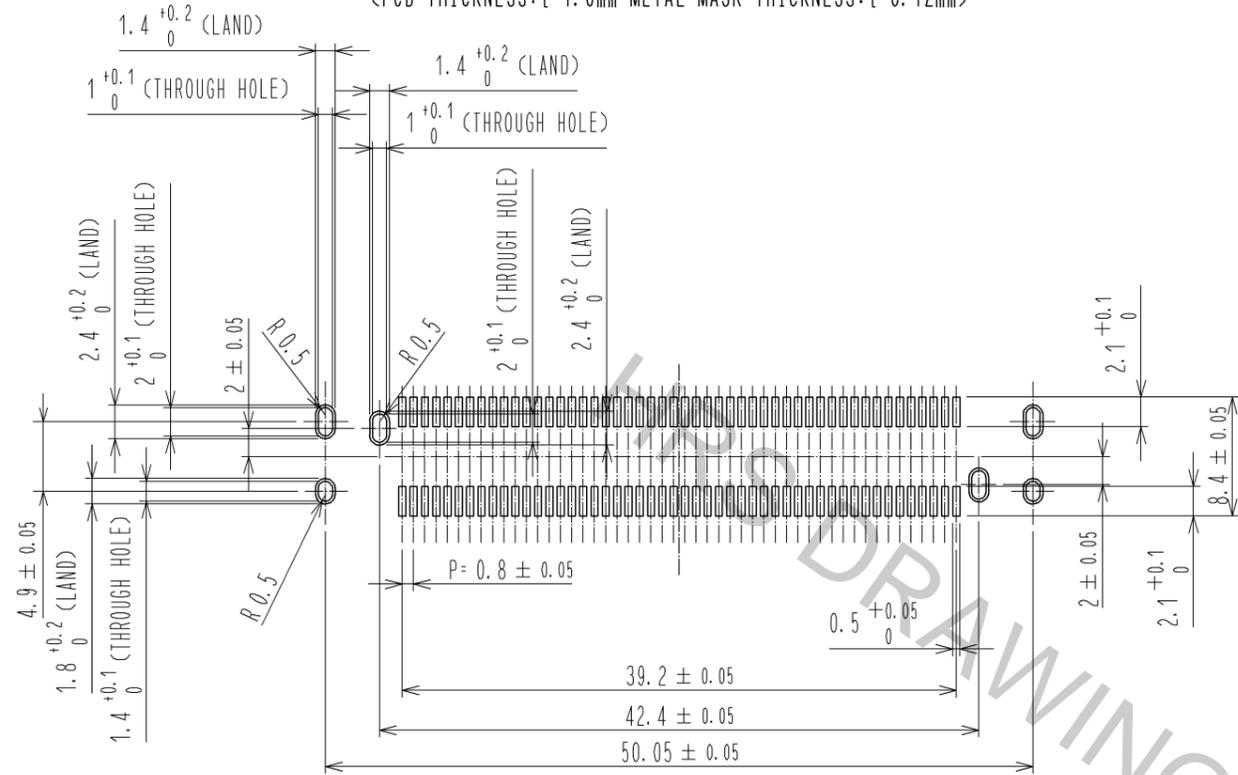
- NOTE 1 LEAD CO-PLANARITY IS 0.1mm MAX.
 2 CONTACTS ARE 3 STEPS SEQUENTIAL. (MF CONTACT A->SIGNAL CONTACT->MF CONTACT B)
 WHEN USING THIS SEQUENTIAL STRUCTURE, PLEASE AVOID ANGLED INSERTION.
 3 MF CONTACT A AND MF CONTACT B CAN BE USED AS POWER SUPPLY CONTACT. (3A/PIN MAX)
 4 IT SHOWS THE VACUUM PICKUP AREA. (SEE PAGE 2)
 REMOVE THE MYLAR TAPE BEFORE MATING CONNECTORS.
 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.

| | | | | | |
|-----|--------------|---|-----|--------------|---|
| 2 | COPPER ALLOY | CONTACT AREA:GOLD 0.1 μm LEAD AREA:GOLD 0.03 μm UNDER PLATING:NICKEL 1.3 μm | 3 | COPPER ALLOY | CONTACT AREA:GOLD 0.1 μm LEAD AREA:TIN-PLATING 1 μm UNDER PLATING:NICKEL 1.3 μm |
| 1 | POLYAMIDE | BLACK UL94V-0 | 4 | COPPER ALLOY | CONTACT AREA:GOLD 0.1 μm LEAD AREA:TIN-PLATING 1 μm UNDER PLATING:NICKEL 1.3 μm |
| NO. | MATERIAL | FINISH . REMARKS | NO. | MATERIAL | FINISH . REMARKS |

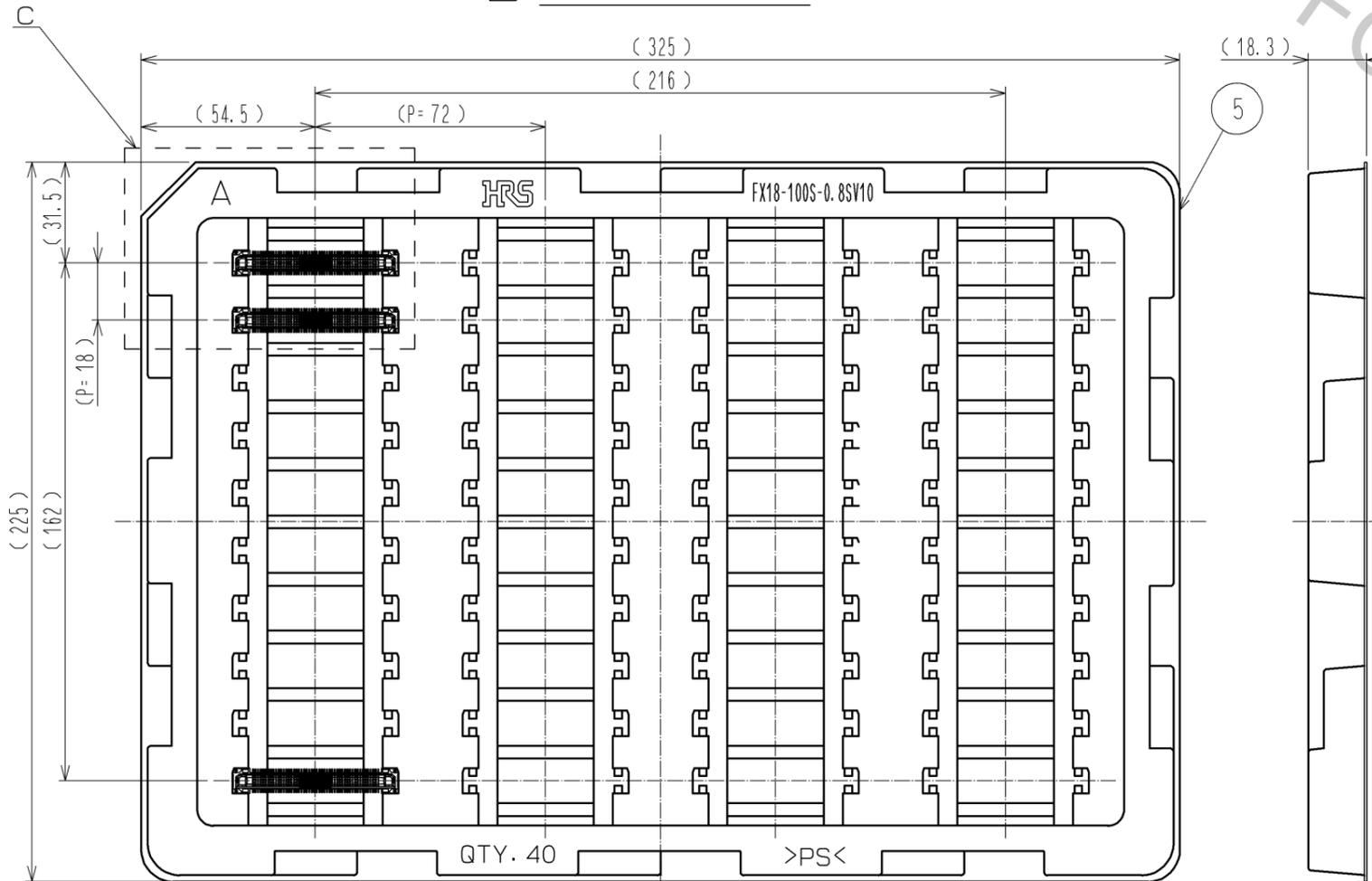
| | | | | | | | |
|----------------------------------|--|----------------|------------|--------------------------|-------------------|---------|------|
| UNITS mm | | SCALE 2 : 1 | COUNT △ | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
| APPROVED : HS. OKAWA 14.07.16 | | | | DRAWING NO. | EDC3-349390-00 | | |
| CHECKED : HT. YAMAGUCHI 14.07.15 | | | | PART NO. | FX18-100S-0.8SV10 | | |
| DESIGNED : TH. SANO 14.07.15 | | | | CODE NO. | CL579-0058-0-00 | | |
| DRAWN : TH. SANO 14.07.15 | | | | 1/2 | | | |

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 In case that the application demands a high level of reliability, such as automotive,
 please contact a company representative for further information.

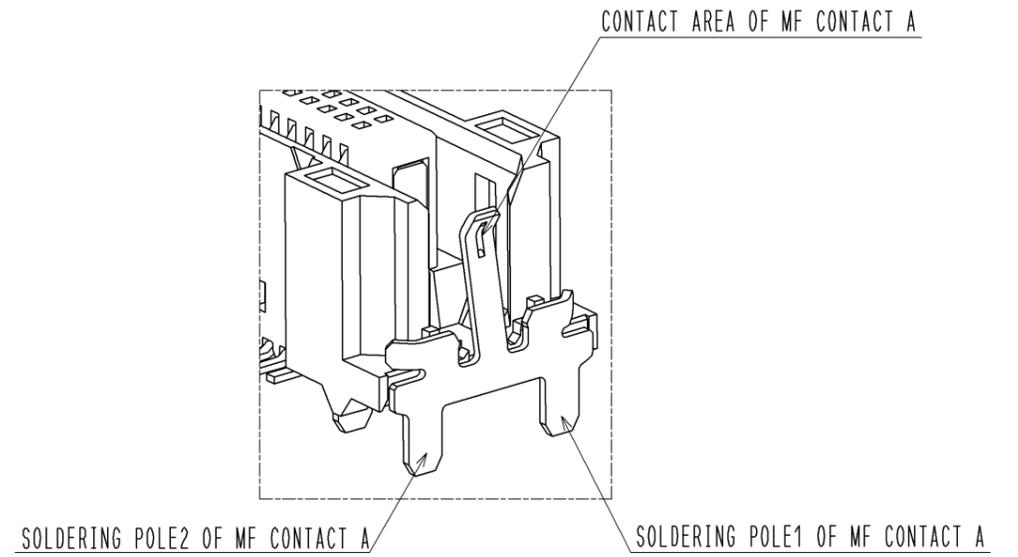
RECOMMENDED LAND PATTERN DIMENSION OF PCB(2:1)
 (PCB THICKNESS:t=1.6mm METAL MASK THICKNESS:t=0.12mm)



5 DRAWING FOR PACKING(1:2)

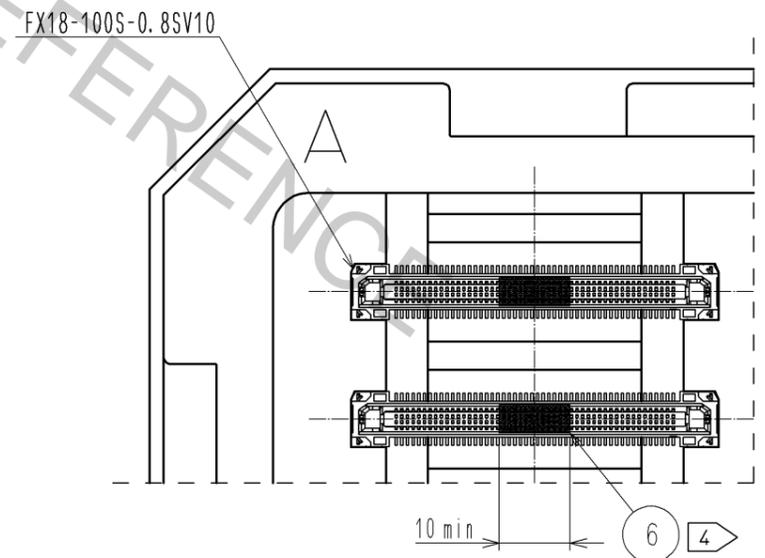


8 CONFIGURATION OF MF CONTACT A



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

C(1:1)



| | | | |
|------------|-------------|-------------------|-------|
| HRS | DRAWING NO. | EDC3-349390-00 | △ 2/2 |
| | PART NO. | FX18-100S-0.8SV10 | |
| | CODE NO. | CL579-0058-0-00 | |
| | | | |