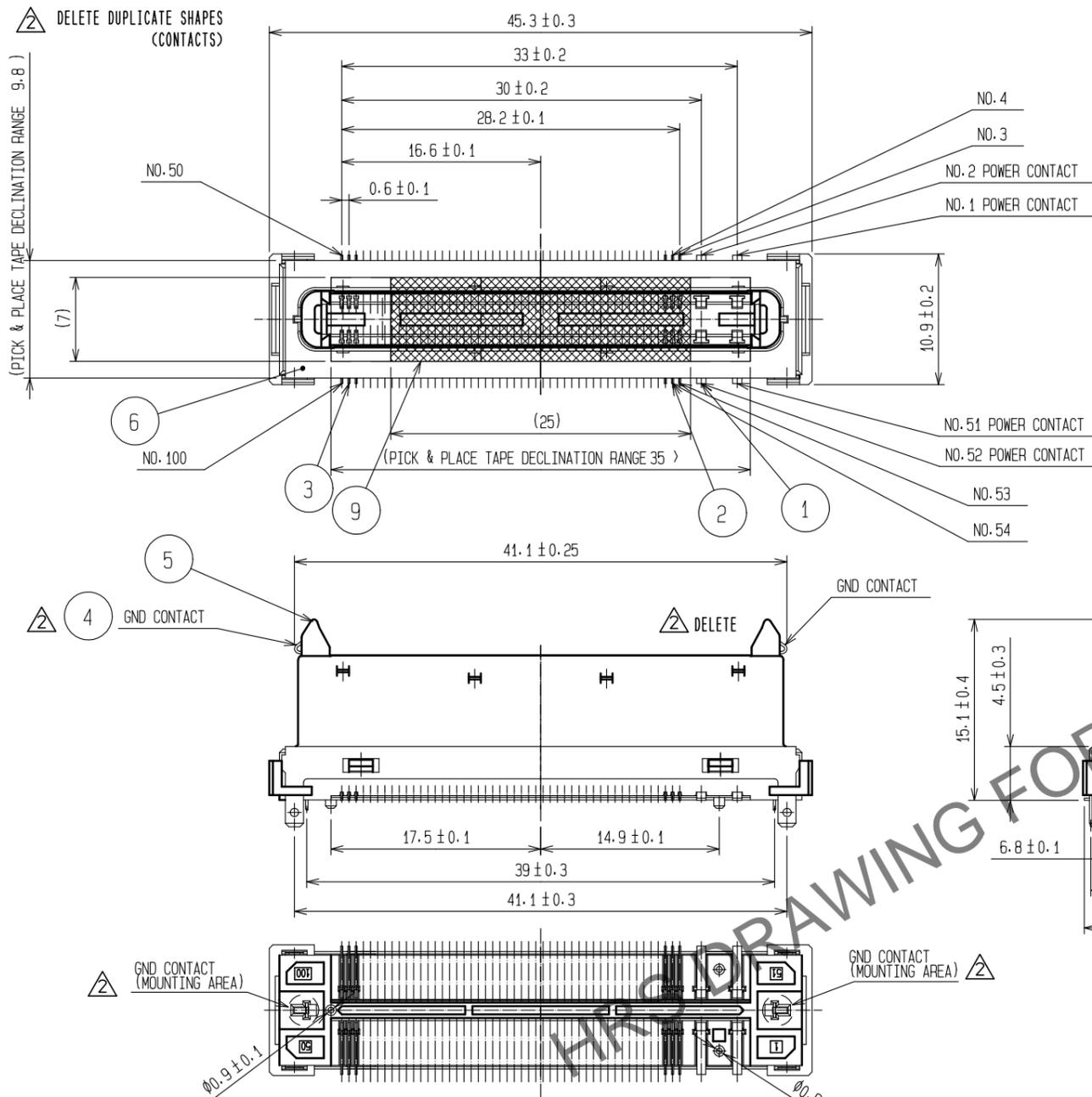
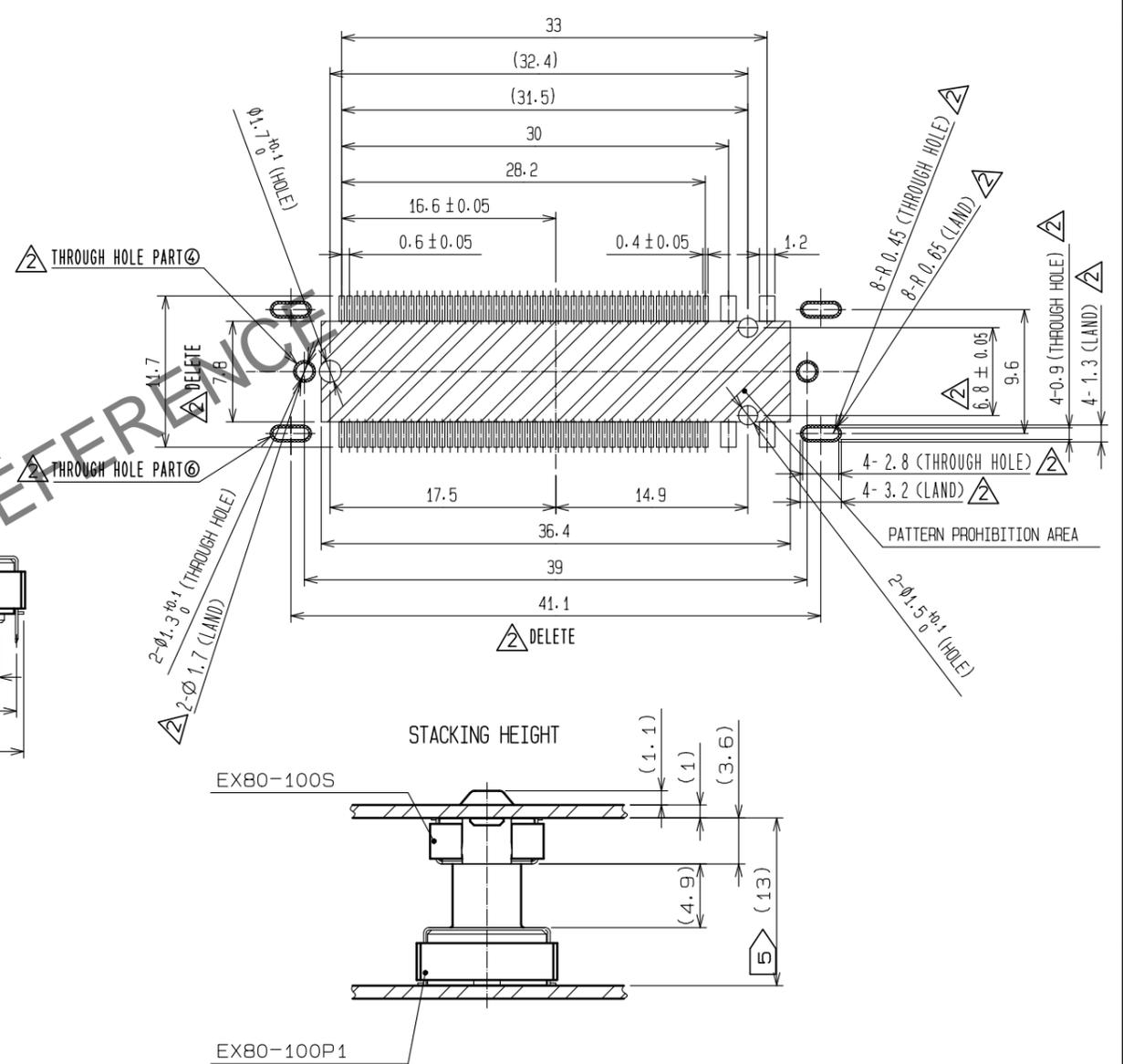


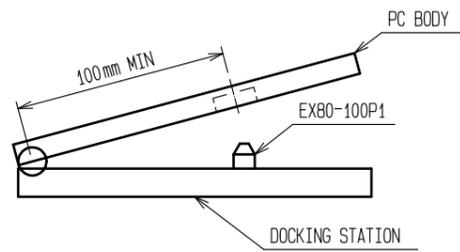
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RECOMMENDED PC BOARD PATTERN (AUTOMATIC MOUNTING)
 (COMPONENT MOUNTING SIDE:PCB t=1 MIN)



- NOTE 1 CONTACT CO-PLANARITY TO BE MAX 0.15.
 2 TOLERANCES TO BE ± 0.1 UNLESS OTHERWISE SPECIFIED.
 3 POWER CONTACT No. 1, 2, 51, 52 AND SIGNAL CONTACT NO. 3, 4, 50, 53, 54, 100 TO BE 0.3 [mm] LONGER SEQUENTIAL STRUCTURE THAN OTHER SIGNAL CONTACTS.
 4 THIS PRODUCT TO BE USED 2.85° MAX AT MATING CONDITION.
 5 DEVICE DESIGN SHALL CONSIDER THE STACKED HEIGHT TO BE 14.5mm MAX. (RECOMMENDED STACKED HEIGHT IS 13.7mm MAX.)
 6 APPLY FLOATING STRUCTURE (WITHIN 1.2mm) TO DEVICES FOR THE ATTACHMENT OF THIS PRODUCT.
 7 MATING GUIDE IS REQUIRED ON THE DEVICE.
 8 100mm MIN. OF TURNING-RADIUS IS REQUIRED FOR THE ROTATE-AND-MATE PC BODY TO DOCKING STATION.



- 9 CONTACT AREA : GOLD PLATING 0.5µm min
 LEAD AREA : GOLD PLATING 0.03µm min
 UNDER : NICKEL PLATING 2µm min
 10 DIP AREA : GOLD PLATING 0.03µm min
 UNDER : NICKEL PLATING 2µm min
 11 DIP AREA : TIN PLATING 1µm min
 UNDER : NICKEL PLATING 0.6µm min

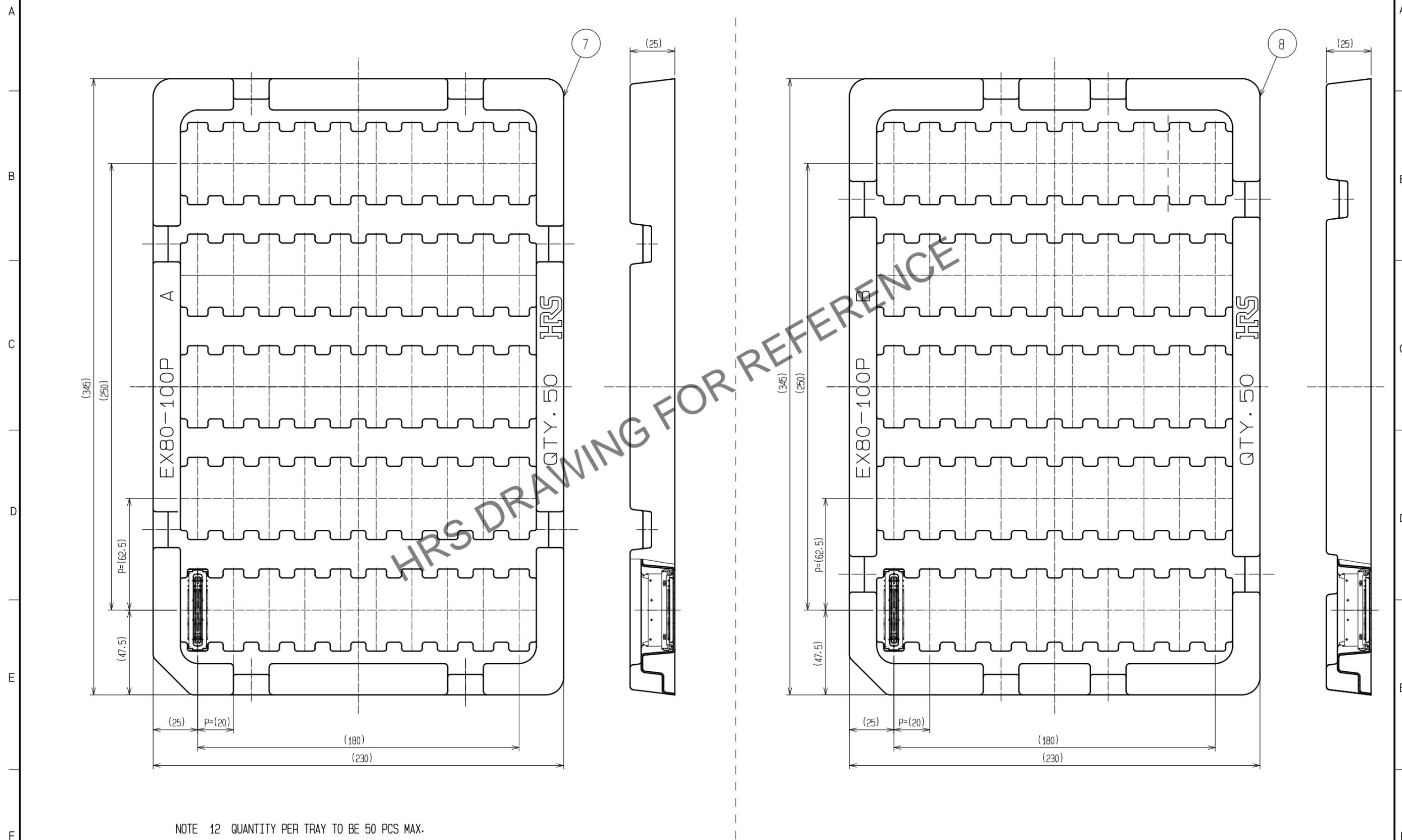
| NO. | MATERIAL | FINISH . REMARKS | NO. | MATERIAL | FINISH . REMARKS |
|-----|------------------|------------------|-----|-------------------|------------------|
| 4 | Phosphor Bronze | 10 | 9 | Pick & Place tape | |
| 3 | Beryllium Copper | 9 | 8 | PS | Milky-white |
| 2 | Beryllium Copper | 9 | 7 | PS | Milky-white |
| 1 | Copper Alloy | 9 | 6 | Stainless Steel | 11 |
| | | | 5 | LCP | UL94V-0, Black |

| UNITS | SCALE | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|-------|-------|-------|--------------------------|--------------|-----------|----------|
| mm | 2 : 1 | 20 | DIS-E-00011604 | KIM JAEHYEON | KG. OKITA | 20221128 |

| APPROVED | 20200407 | DRAWING NO. | EDC-122791-70-00 |
|---------------------------|----------------|-------------|------------------|
| HIROSE ELECTRIC CO., LTD. | MN. KENJO | PART NO. | EX80-100P1(70) |
| | TU. TANIGUCHI | CODE NO. | CL0232-0598-9-70 |
| | KIM JAEHYEON | | |
| | DS. HIROWATARI | | |

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EX80-100P1 PACKAGING FIGURE(FREE)



NOTE 12 QUANTITY PER TRAY TO BE 50 PCS MAX.
ORDERING VOLUME TO BE MADE BY QUANTITY OF CONNECTOR.
13 A TYPE AND B TYPE TRAY PILED UP ONE AFTER ANOTHER.

| | | |
|------------|-------------|------------------|
| HRS | DRAWING NO. | EDC-122791-70-00 |
| | PART NO. | EX80-100P1(70) |
| | CODE NO. | CL0232-0598-9-70 |
| | | 2/2 |