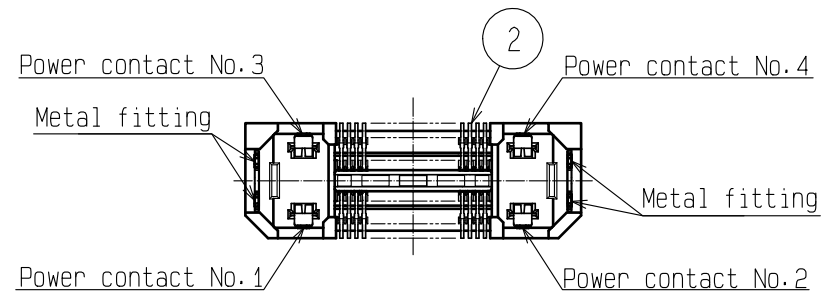
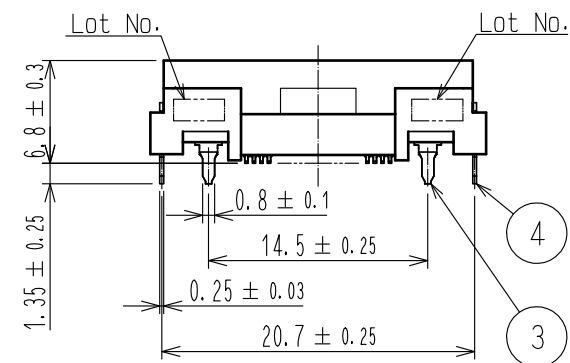
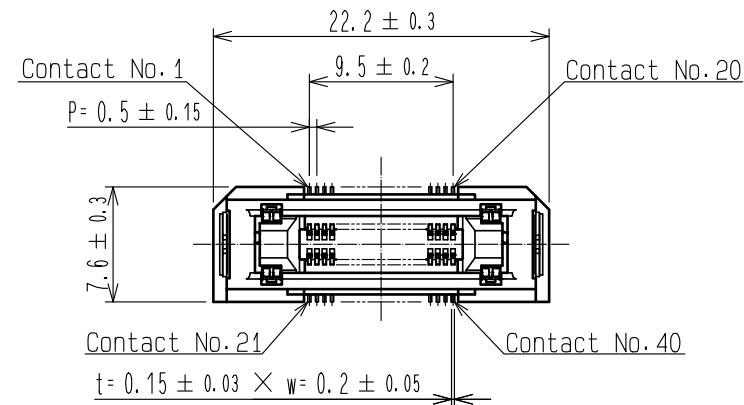


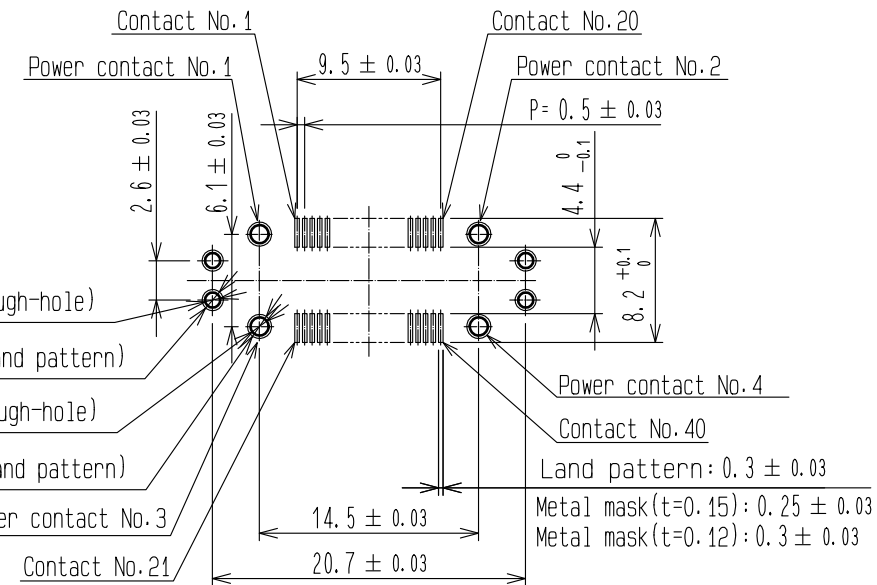
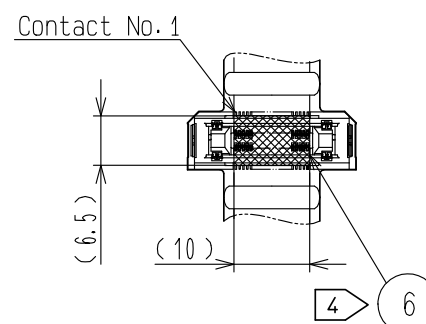
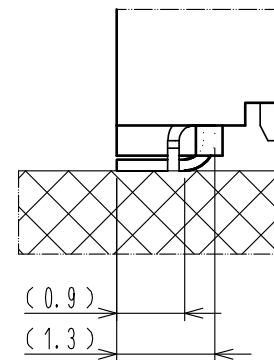
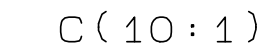
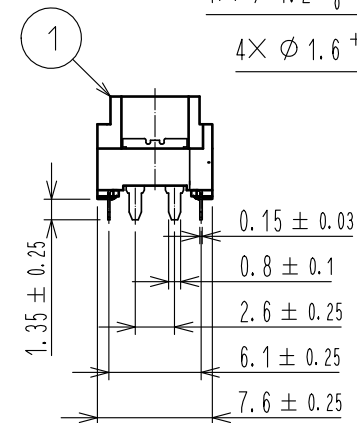
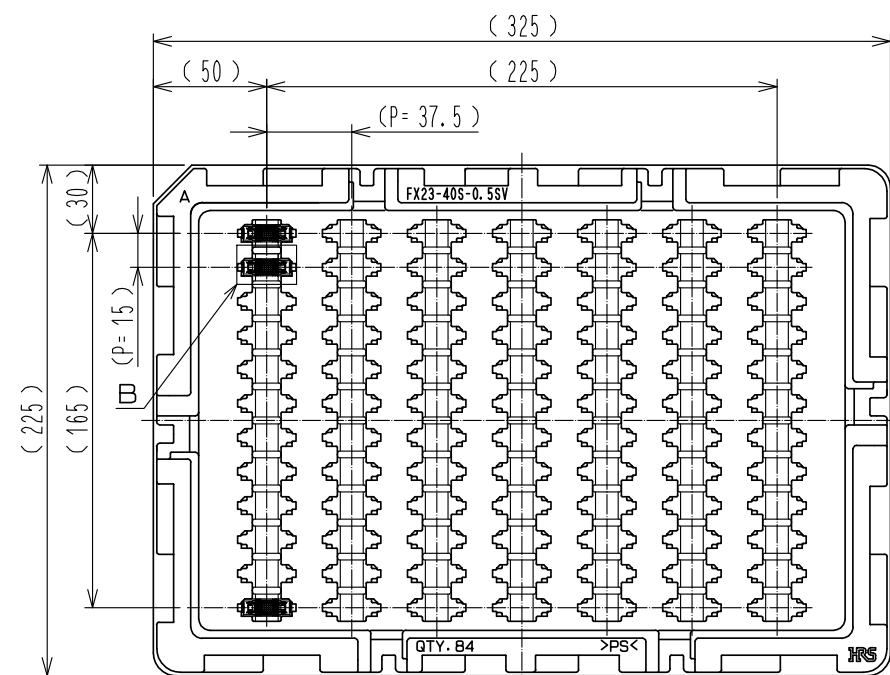


## RECOMMENDED LAND PATTERN DIMENSION OF PCB

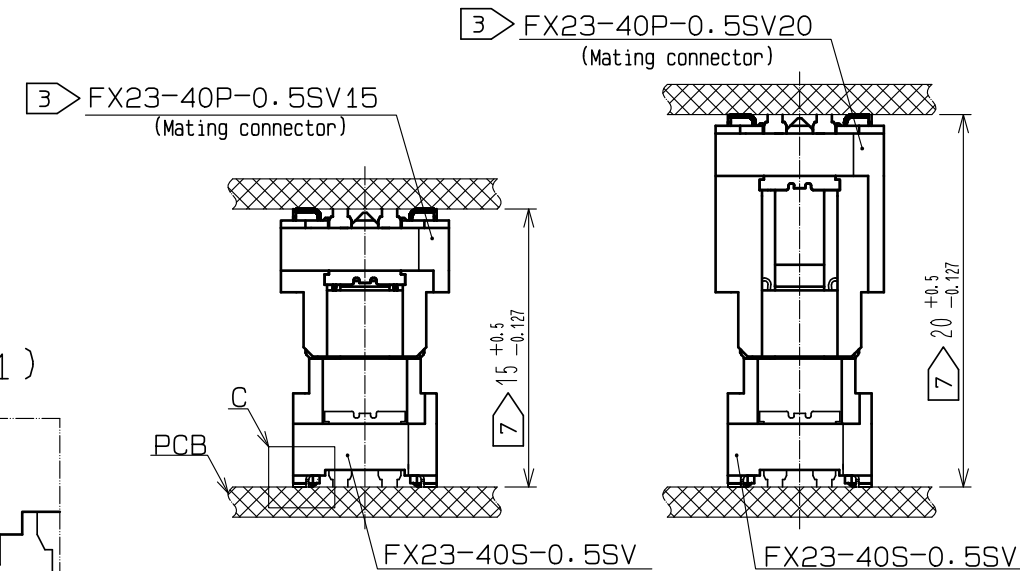
(PCB THICKNESS:  $t=1.6\text{mm}$ )



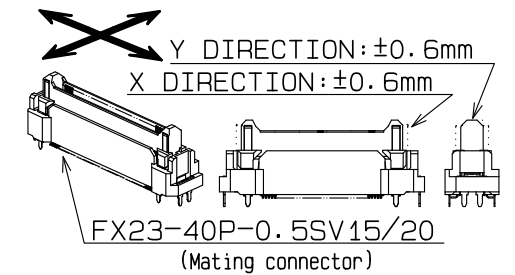
2 DRAWING FOR PACKING(No scale)



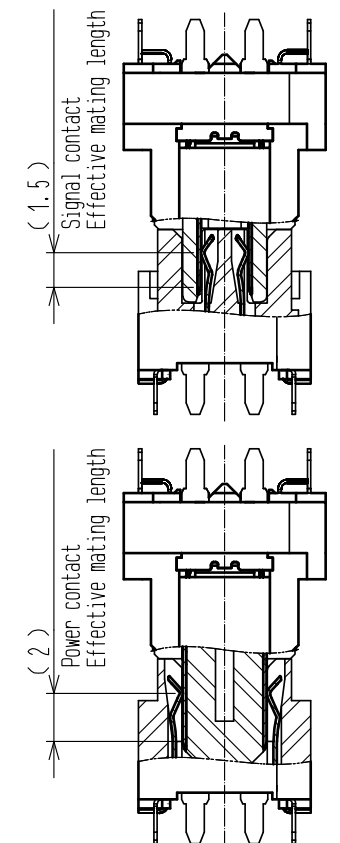
## PCB DISTANCE(No scale)



### 3 FLOATING RANGE



CROSS SECTION OF MATING  
(No scale)



- 1 Lead CO-Planarity is 0.1mm MAX.
  - 2 This is packaged in tray. (84pcs/tray)
  - 3 Floating range of this connector is  $\pm 0.6$ mm MAX.
  - 4 It shows the vacuum pickup area. Remove the mylar tape before mating connectors.
  - 5 Blemish and hit mark can be occurred through out the manufacturing process which doesn't affect quality level.
  - 6 The dimensions in parentheses are for references.
  - 7 Please use the connectors within the specified PCB distance.

|                                                                                                                 |              |                             |  |                  |              |                             |  |                  |  |                          |  |          |  |         |  |      |  |
|-----------------------------------------------------------------------------------------------------------------|--------------|-----------------------------|--|------------------|--------------|-----------------------------|--|------------------|--|--------------------------|--|----------|--|---------|--|------|--|
| 2                                                                                                               | COPPER ALLOY | CONTACT AREA:GOLD 0.1 μm    |  | 4                | BRASS        | LEAD AREA:GOLD 0.03 μm      |  |                  |  |                          |  |          |  |         |  |      |  |
|                                                                                                                 |              | LEAD AREA:GOLD 0.03 μm      |  |                  |              | UNDER PLATING:NICKEL 1 μm   |  |                  |  |                          |  |          |  |         |  |      |  |
|                                                                                                                 |              | UNDER PLATING:NICKEL 1.3 μm |  |                  |              | CONTACT AREA:GOLD 0.1 μm    |  |                  |  |                          |  |          |  |         |  |      |  |
| 1                                                                                                               | LCP          | BLACK UL94V-0               |  | 3                | COPPER ALLOY | LEAD AREA:TIN-PLATING 1 μm  |  |                  |  |                          |  |          |  |         |  |      |  |
|                                                                                                                 |              |                             |  |                  |              | UNDER PLATING:NICKEL 1.3 μm |  |                  |  |                          |  |          |  |         |  |      |  |
|                                                                                                                 |              |                             |  |                  |              |                             |  |                  |  |                          |  |          |  |         |  |      |  |
| NO.                                                                                                             |              | MATERIAL                    |  | FINISH . REMARKS |              | NO.                         |  | MATERIAL         |  | FINISH . REMARKS         |  |          |  |         |  |      |  |
| UNITS<br>mm                                                                                                     |              |                             |  | SCALE<br>2 : 1   |              |                             |  | COUNT            |  | DESCRIPTION OF REVISIONS |  | DESIGNED |  | CHECKED |  | DATE |  |
|  HIROSE ELECTRIC CO., LTD. |              | APPROVED : HS. OKAWA        |  | 15. 02. 09       |              | DRAWING NO.                 |  | EDC-353552-00-00 |  |                          |  |          |  |         |  |      |  |
|                                                                                                                 |              | CHECKED : KN. SHIBUYA       |  | 15. 02. 09       |              | PART NO.                    |  | FX23-40S-0. 5SV  |  |                          |  |          |  |         |  |      |  |
|                                                                                                                 |              | DESIGNED : TS. OONO         |  | 15. 02. 06       |              | CODE NO.                    |  | CL573-3202-2-00  |  |                          |  |          |  |         |  |      |  |
|                                                                                                                 |              | DRAWN : TS. OONO            |  | 15. 02. 06       |              |                             |  |                  |  |                          |  |          |  |         |  |      |  |
|                                                                                                                 |              |                             |  |                  |              |                             |  |                  |  |                          |  |          |  |         |  |      |  |