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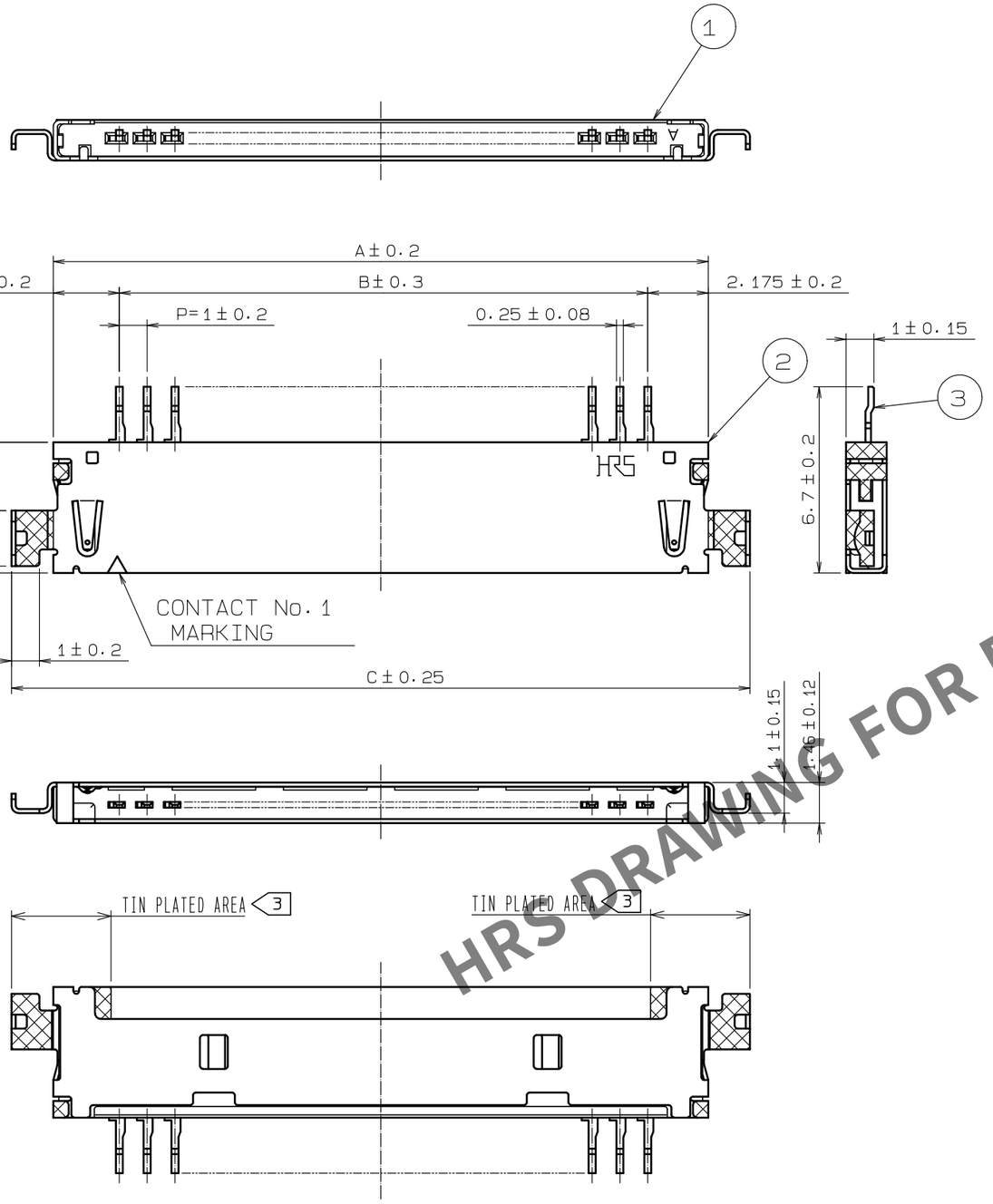
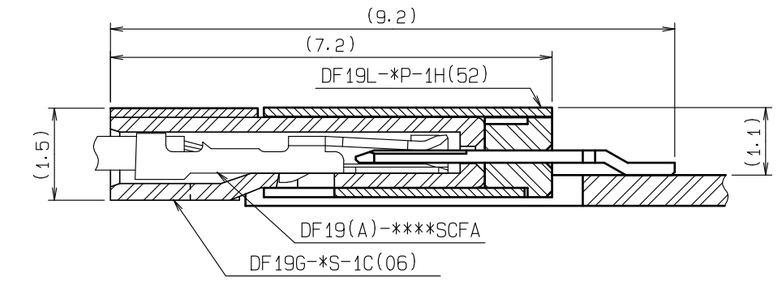
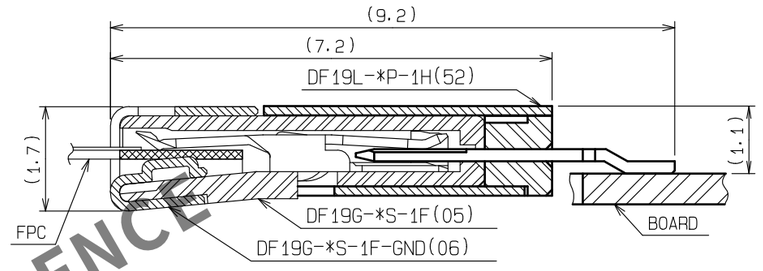
HRS DRAWING FOR REFERENCE

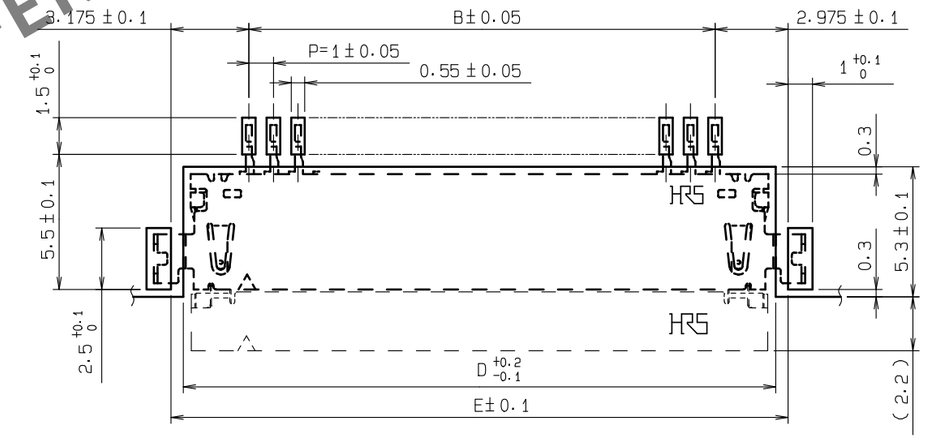



## APPLICATION DIAGRAM(10:1)




## 2 RECOMMENDED PATTERN(FREE)




| PART No. | CODE No. | NUMBER OF CONTACT | A | B | C | D | E |
|---|---|---|---|---|---|---|---|
| DF19L-14P-1H(52) | CL685-0003-8-52 | 14 | 17.55 | 13 | 20.55 | 18.15 | 19.15 |
| DF19L-20P-1H(52) | CL685-0019-8-52 | 20 | 23.55 | 19 | 26.55 | 24.15 | 25.15 |
| DF19L-30P-1H(52) | CL685-0016-0-52 | 30 | 33.55 | 29 | 36.55 | 34.15 | 35.15 |

NOTES1: LEAD CO-PLANARITY SHALL BE 0.1 mm MAX.

2 RECOMMENDED THICKNESS OF CREAM SOLDER PASTE:0.15mm
OPEN AREA RATIO:100%

| NO. | MATERIAL | FINISH, REMARKS |
|---|---|---|
| 2 | PHOSPHER BRONZE | LEAD AREA:TIN PLATED 1μm min 3<br>UNDER PLATING:NICKEL PLATED 0.5μm min |
| 1 | POLYAMIDE | BLACK, UL94V-0 |

| NO. | MATERIAL | FINISH, REMARKS |
|---|---|---|
| 5 | POLYESTER | CLEAR, (COVER TAPE) |
| 4 | PS | CLEAR, (EMBOSSED CARRIER TAPE) |
| 3 | PHOSPHER BRONZE | CONTACT AREA:GOLD PLATED 0.1μm min<br>LEAD AREA:TIN PLATED 1μm min<br>UNDER PLATING:NICKEL PLATED 1μm min |

| UNITS | SCALE | | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|---|---|---|---|---|---|---|---|
| mm | 5 : 1 | 0 | | | | | |

HIROSE ELECTRIC CO., LTD.

| | | |
|---|---|---|
| APPROVED | HS. OKAWA | 20200313 |
| CHECKED | TS. KUMAZAWA | 20200313 |
| DESIGNED | HK. HAYASHI | 20200313 |
| DRAWN | DS. HIROWATARI | 20200306 |

| | |
|---|---|
| DRAWING NO. | EDC-311645-52-00 |
| PART NO. | DF19L-*P-1H(52) |
| CODE NO. | CL685- |

0 1/2

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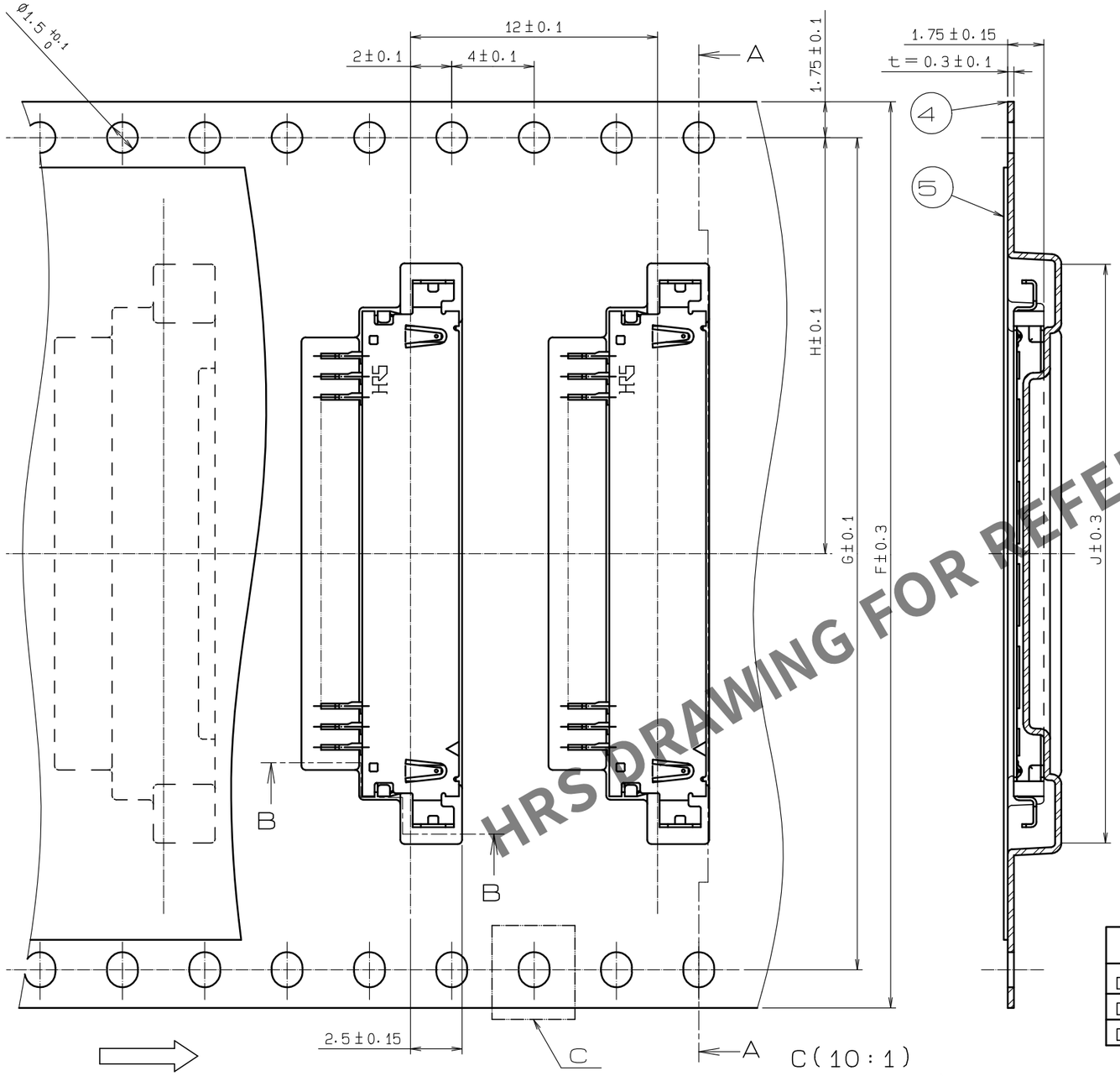
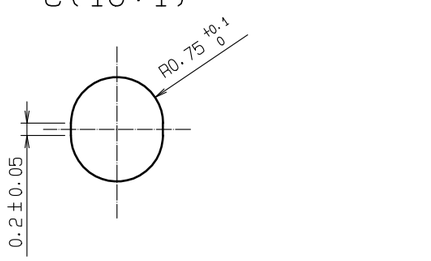
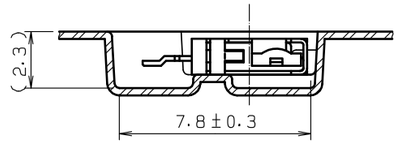
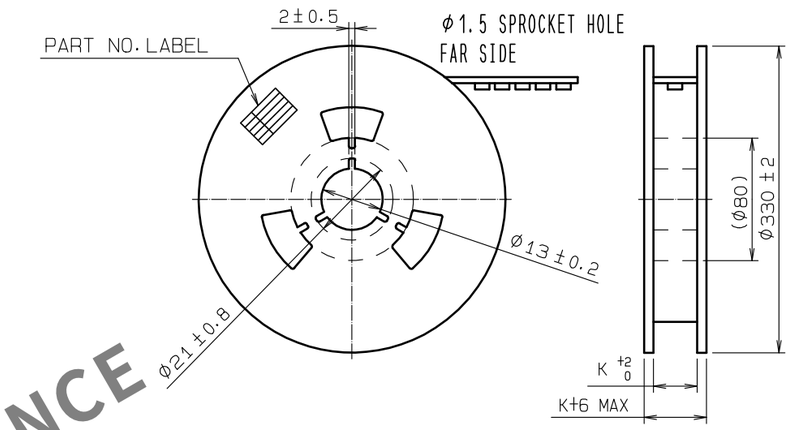
HRS DRAWING FOR REFERENCE



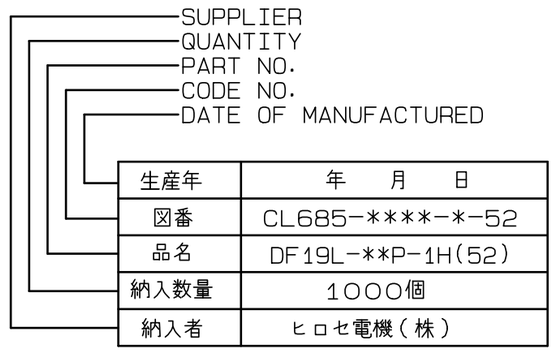




STYLE AND DIMENTION OF REEL(FREE SIZE)




DETAIL OF PART NO. LABEL




| | |
|---|---|
| 生産年 | 年　月　日 |
| 図番 | CL685−****−*−52 |
| 品名 | DF19L−**P−1H(52) |
| 納入数量 | 1000個 |
| 納入者 | ヒロセ電機(株) |

| PART No. | CODE No. | NUMBER OF CONTACT | F | G | H | J | K |
|---|---|---|---|---|---|---|---|
| DF19L-14P-1H(52) | CL685-0003-8-52 | 14 | 44 | 40.4 | 20.2 | 22.1 | 44.4 |
| DF19L-20P-1H(52) | CL685-0019-8-52 | 20 | 44 | 40.4 | 20.2 | 28.1 | 44.4 |
| DF19L-30P-1H(52) | CL685-0016-0-52 | 30 | 56 | 52.4 | 26.2 | 38.1 | 56.4 |

NOTES4: PER REEL : 1000 CONNECTORS
5: AT THE BEGINNING OF THE REEL, 30 COMPONENTS SHALL BE EMPTY. AT THE END OF THE REEL, 20 COMPONENTS SHALL BE EMPTY.

| | | |
|---|---|---|
| HRS | DRAWING NO. | EDC-311645-52-00 |
| | PART NO. | DF19L-*P-1H(52) |
| | CODE NO. | CL685- △0 2/2 |