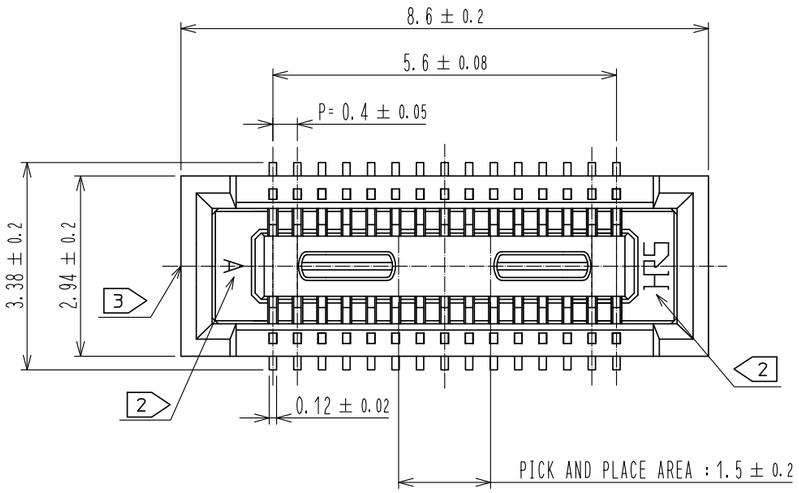
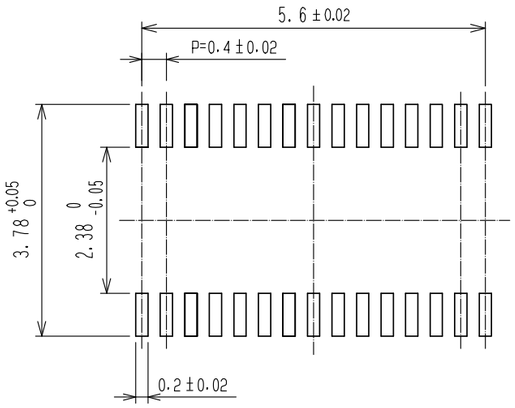
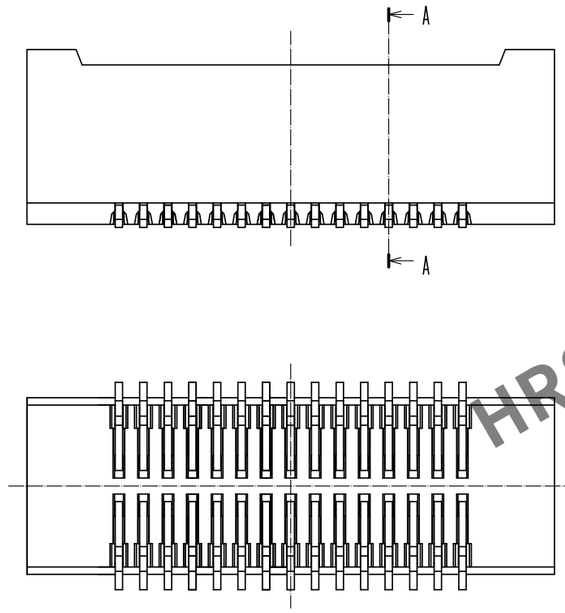
May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

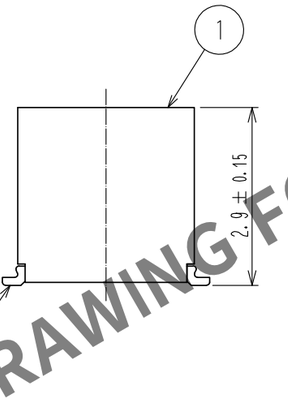



RECOMMENDED PATTERN

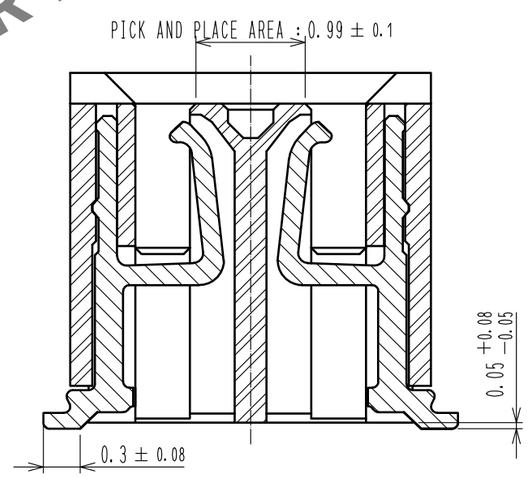



RECOMMENDED METAL MASK THICKNESS:120μm
RECOMMENDED MASK OPENING RATIO:80% FOR LEAD PAD

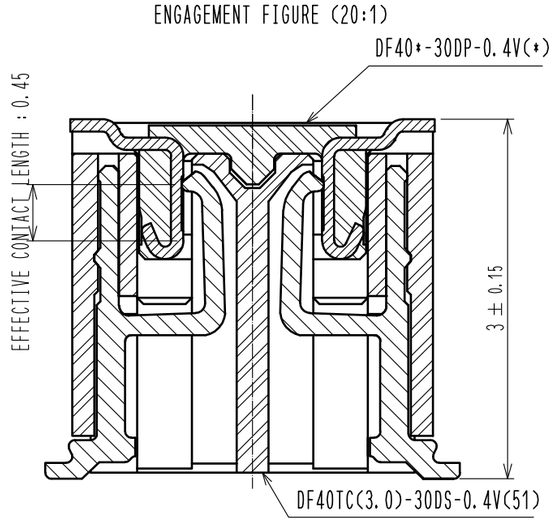



A-A(20:1)




ENGAGEMENT FIGURE (20:1)




HRS DRAWING FOR REFERENCE

NOTES) 1. ALL LEADS METAL FITTINGS CO-PLANARITY SHALL BE 0.1mm MAX.
2 HRS MARK AND CAV NO. ARE INDICATED IN APPROXIMAL POSITION SHOWN.
3 GATE IS COCATED IN APPROXIMAL AREA.

| NO. | MATERIAL | FINISH , REMARKS | NO. | MATERIAL | FINISH , REMARKS |
|---|---|---|---|---|---|
| 2 | COPPER ALLOY | CONTACT AREA:GOLD 0.05μm MIN<br>SMT LEAD:GOLD 0.05μm MIN<br>UNDERPLATING:NICKEL 1μm MIN | 6 | PS | CLEAR, REINFORCEMENT COLLAR |
| | | | 5 | PS | BLACK, PLASTIC REEL |
| | | | 4 | POLYESTER | CLEAR, COVER TAPE |
| 1 | LCP | BLACK, UL94V-0 | 3 | PS | CLEAR, EMBOSSED CARRIER TAPE |

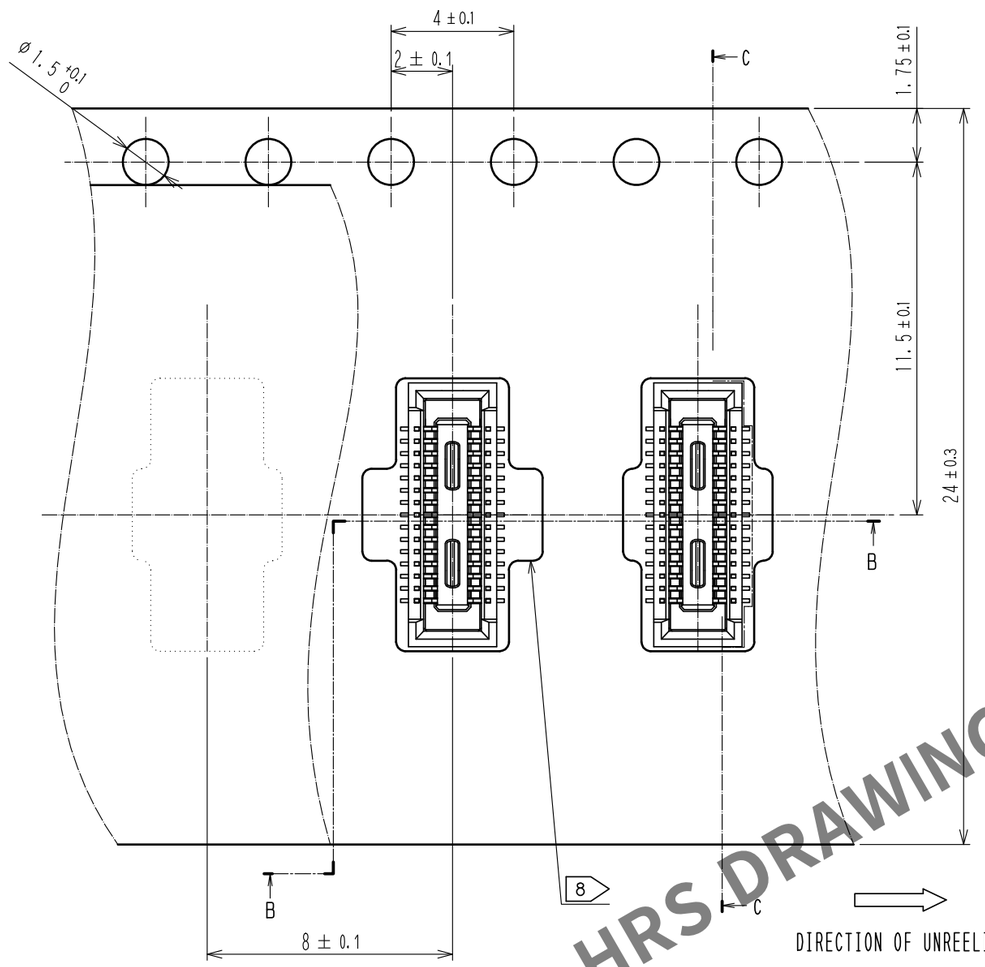
| UNITS | SCALE | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|---|---|---|---|---|---|---|
| mm | 10 : 1 | 0 | | | | |

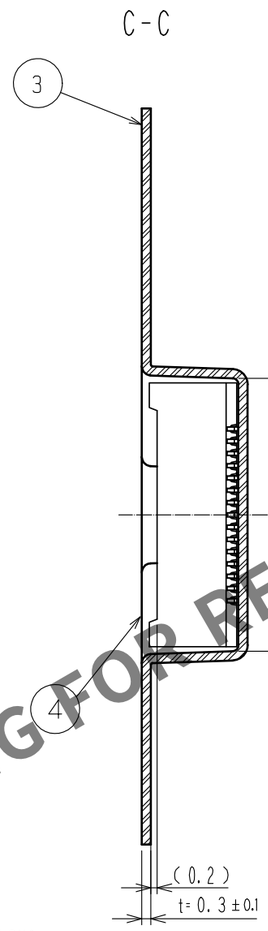
HIROSE ELECTRIC CO., LTD.

| | | | |
|---|---|---|---|
| APPROVED | WR. FUKUCHI | 20200617 | DRAWING NO. EDC-381845-51-00 |
| CHECED | TS. MIYAZAKI | 20200617 | PART NO. DF40TC(3.0)-30DS-0.4V(51) |
| DESIGNED | YK. SATAKE | 20200617 | CODE NO. CL684-4242-0-51 |
| DRAWN | YK. SATAKE | 20200617 | 0 1/2 |

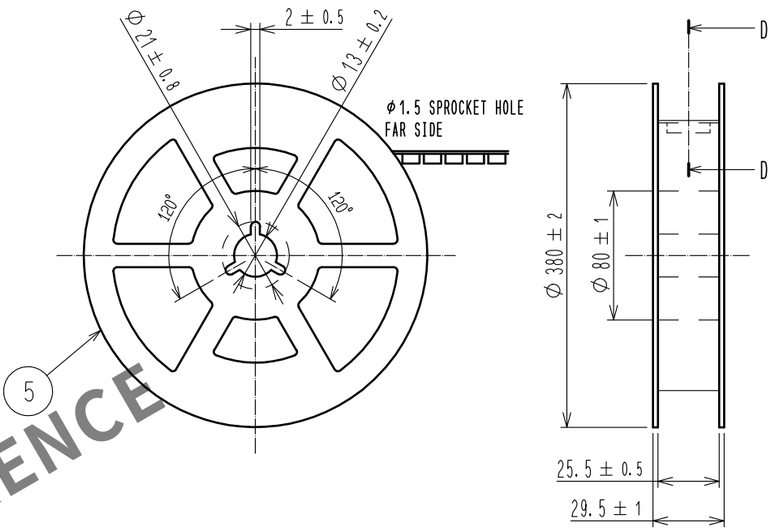
May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

# EMBOSSED CARRIER TAPE PACKAGING (5:1)

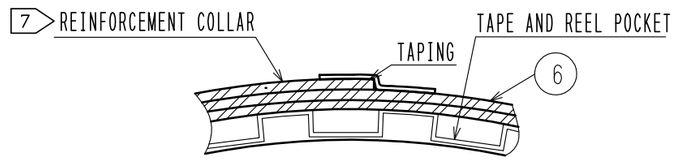


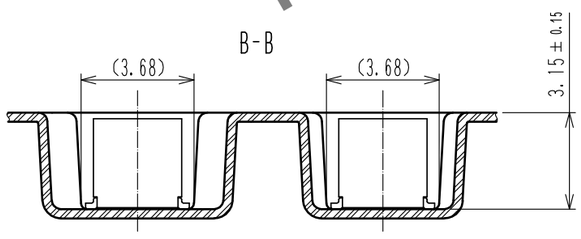



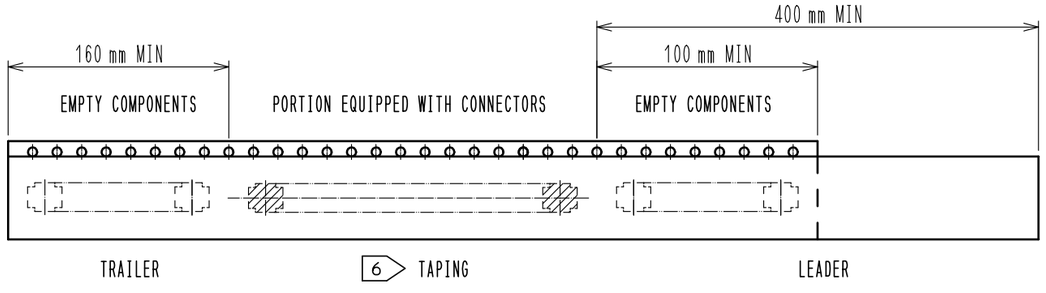

STYLE AND DIMENSION OF REEL(FREE)




D-D(FREE)




NOTES 4. PER REEL 3000 CONNECTORS.
5. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
6 REFER TO JIS C 0806, IEC 60286-3
(PACKING OF COMPONENTS FOR AUTOMATIC HANDLING)
7 AFTER PACKAGING. ROLL 2 METERS OF THE REINFORCEMENT COLLAR
TO OUTER CIRCUMFERENCE OF TAPE AND REEL POCKET.
AND TAPE DOWN AT THE END THE COLLAR.
8 ONE OF SEVERAL IS DIFFERENT IN FROM OF THE EMBOSSED CAEEIER TAPE
TO AVOID BEING STUCK IN.

HRS DRAWING FOR REFERENCE

| | |
|---|---|
| DRAWING NO. | EDC-381845-51-00 |
| PART NO. | DF40TC(3.0)-30DS-0.4V(51) |
| CODE NO. | CL684-4242-0-51 |

0 2/2