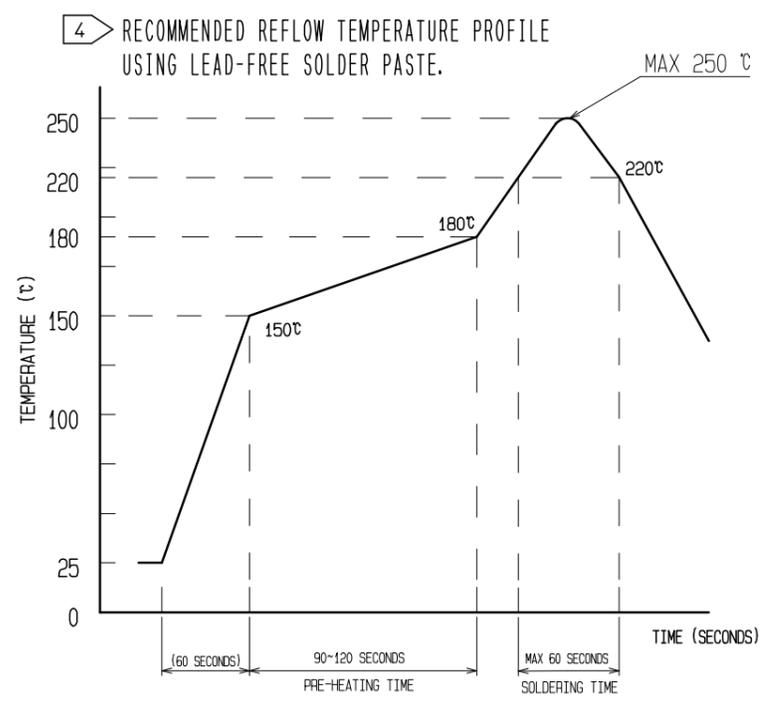
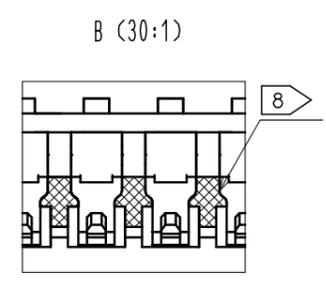
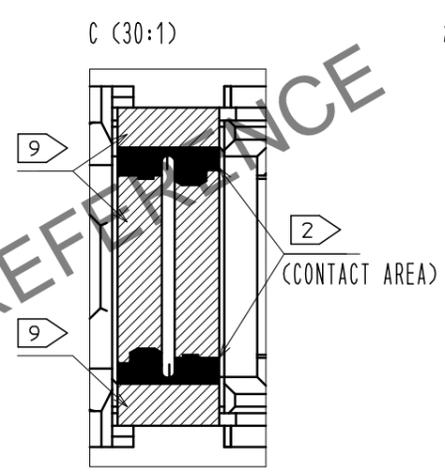
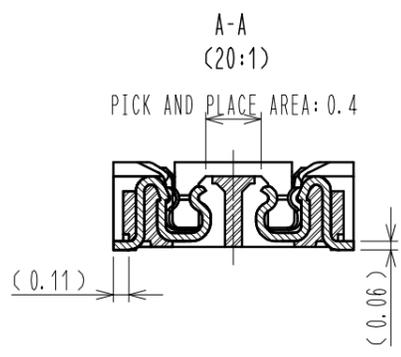
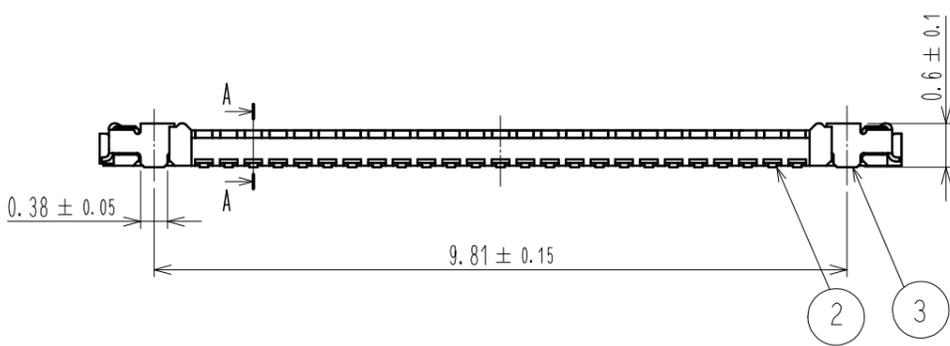
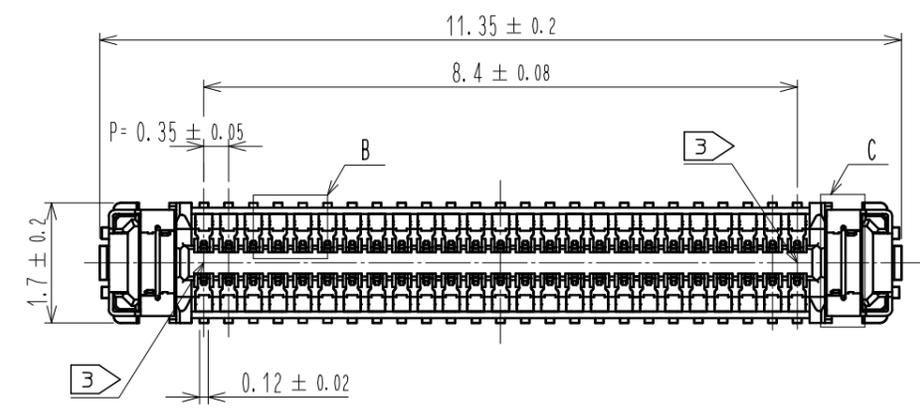


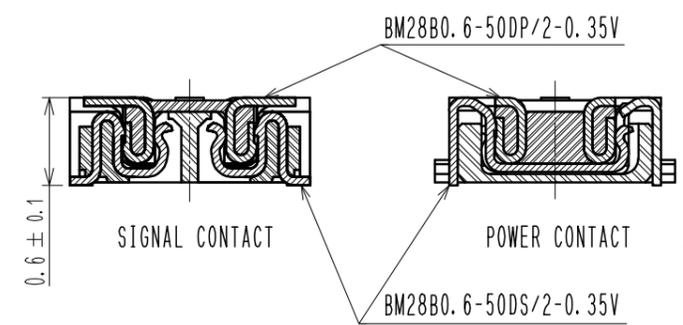
Jan.1.2026 Copyright 2026 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



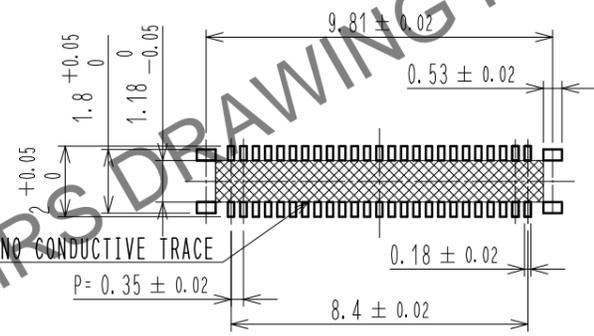
REFLOW METHOD: IR REFLOW
 NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.
 1) REFLOW TIME
 DURATION ABOVE 220°C, 60 SEC MAX.
 (PEAK TEMPERATURE: 250°C MAX)
 2) PRE-HEAT TIME
 PRE-HEAT TEMPERATURE (MIN): 150°C
 PRE-HEAT TEMPERATURE (MAX): 180°C
 PRE-HEAT TIME: 90-120 SEC.

- 4 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE, A THOROUGH EVALUATION OF MOUNTING COONDITION IS REQUIRED PRIOR TO PRODUCTION. TEPERATURE IS MEASURED AT CONTACT LEAD.
- 5. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.
- 6. THIS PRODUCT SATISFIES HALOGEN FREE REQUIREMENTS DEFINED AS 900ppm MAXIMUM CHLORINE, 900ppm MAXIMUM BROMINE, AND 1500ppm MAXIMUM TOTAL OF CHLORINE AND BROMINE.
- 7. THIS PRODUCT COMPLY WITH RoHS.
- 8 WELD LINE APPEARS IN THE INDICATED POSITION.
- 9 NO GOLD PLATING IS ACCEPTABLE FOR THIS AREA.

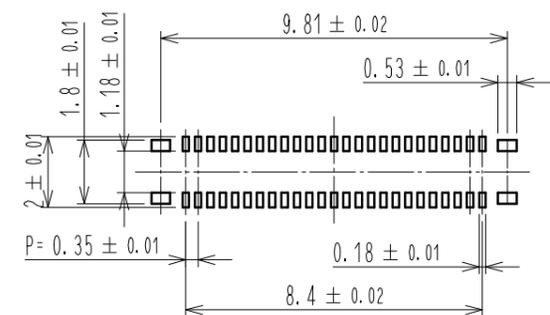
ENGAGEMENT FIGURE (20:1)



RECOMMENDED PCB LAYOUT



RECOMMENDED METAL MASK DIMENSIONS
 METAL MASK THICKNESS : 80 μm



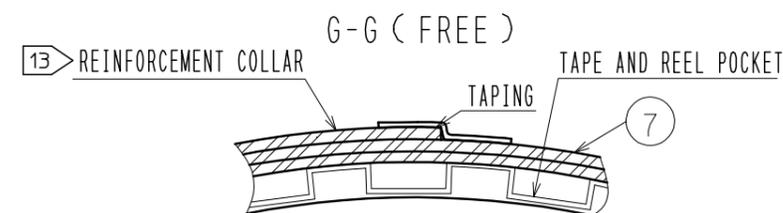
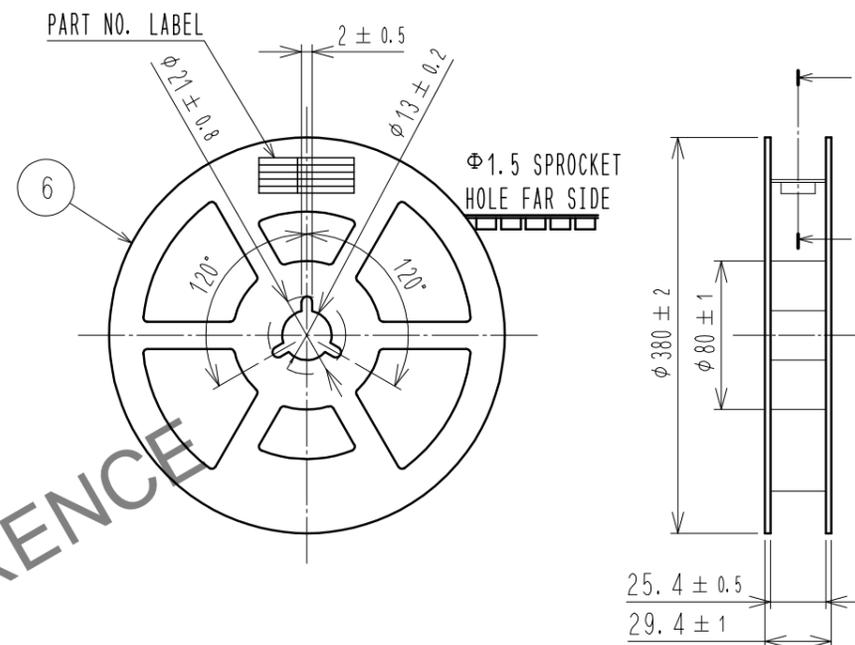
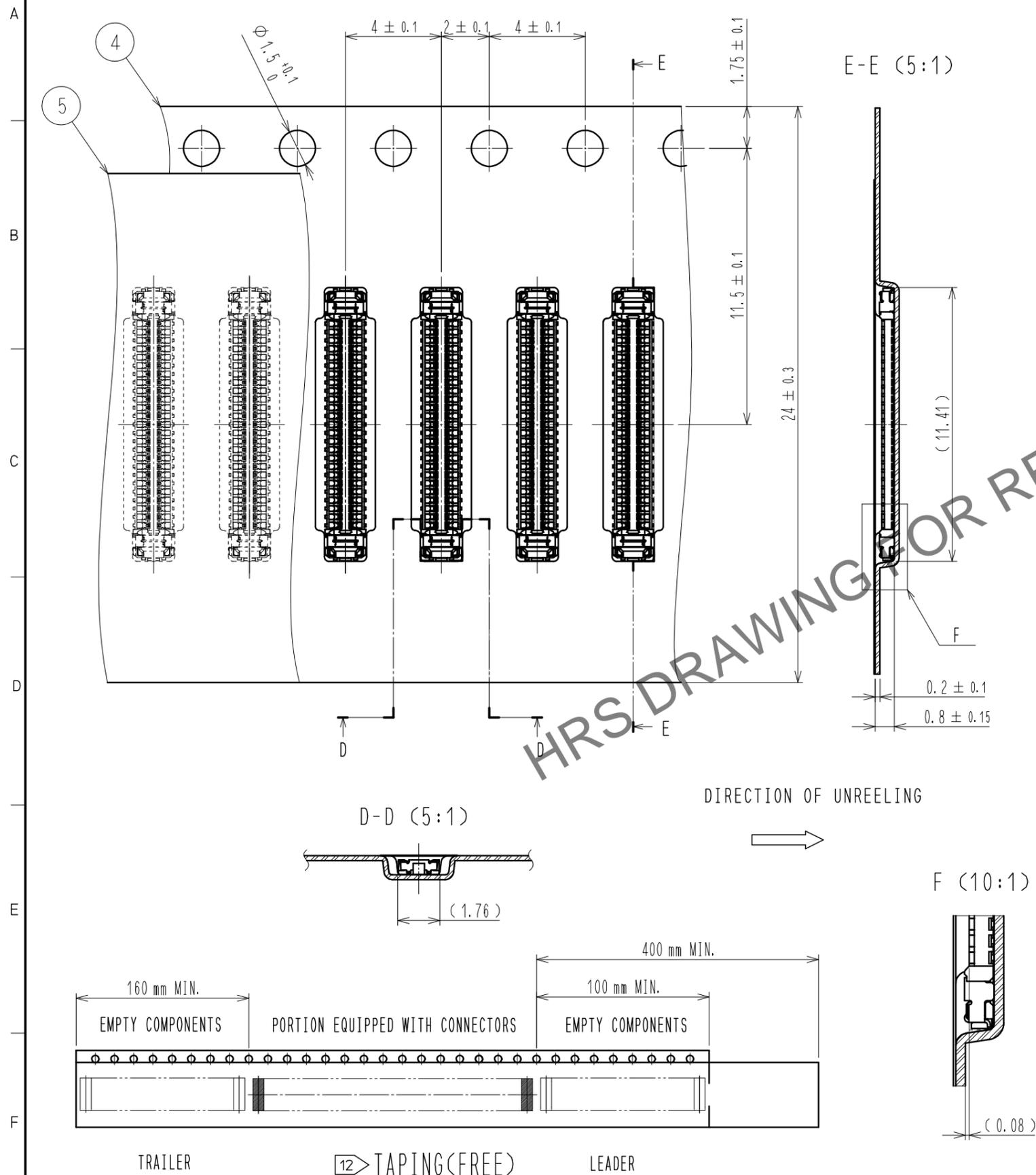
- NOTE 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.
- 2 CONTACT PLATING SPECIFICATIONS
 CONTACT AREA : GOLD 0.05 μm MIN
 SMT LEAD : GOLD 0.05 μm MIN
 UNDER PLATING : NICKEL 1 μm MIN
 (SURFACE : SEALING)
 - 3 CAV No. AND HRS MARK EXIST IN THE INDICATED POSITION.

| 4 | PS | CLEAR(EMBOSSED CARRIER TAPE) | | | |
|----------|--------------|------------------------------|------------------------|---------------------------|------------------------------|
| 3 | COPPER ALLOY | 2 | 7 | PS | CLEAR (REINFORCEMENT COLLAR) |
| 2 | COPPER ALLOY | 2 | 6 | PS | BLACK (PLASTIC REEL) |
| 1 | LCP | UL94 V-0, BLACK | 5 | POLYESTER | CLEAR (COVER TAPE) |
| NO. | MATERIAL | FINISH . REMARKS | NO. | MATERIAL | FINISH . REMARKS |
| UNITS mm | | SCALE 10 : 1 | COUNT | DESCRIPTION OF REVISIONS | DESIGNED |
| HRS | | HIROSE ELECTRIC CO., LTD. | APPROVED : MO. ISHIDA | 17.09.14 | DATE |
| | | | CHECED : TS. MIYAZAKI | 17.09.14 | |
| | | | DESIGNED : RT. SHIMIZU | 17.09.14 | |
| | | | DRAWN : RT. SHIMIZU | 17.09.14 | |
| | | | DRAWING NO. | EDC-632253 | |
| | | | PART NO. | BM28B0.6-50DS/2-0.35V(51) | |
| | | | CODE NO. | CL6650-0004-7-051 | |

Jan.1.2026 Copyright 2026 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.

EMBOSED CARRIER TAPE PACKAGING (5:1)

STYLE AND DIMENSION OF REEL (FREE)



DETAIL OF PART NO. LABEL

| | | |
|-------|----------------|----------------------|
| 製造年月日 | ** ** * | DATA OF MANUFACTURED |
| 製品コード | CL6650-****-** | CODE NO. |
| 製品名 | BM28B0.6-** | PART NO. |
| 数量 | 20,000 | QUANTITY |
| 納入者 | ヒロセ電機(株) | SUPPLIER |

- 10. PER REEL 20,000 CONNECTORS.
- 11. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
- 12. REFER TO JIS C 0806, IEC 60286-3(PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)
- 13. 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.

| | | |
|------------|-------------|---------------------------|
| HRS | DRAWING NO. | EDC3-632253 |
| | PART NO. | BM28B0.6-50DS/2-0.35V(51) |
| | CODE NO. | CL6650-0004-7-051 |
| | | 2/2 |