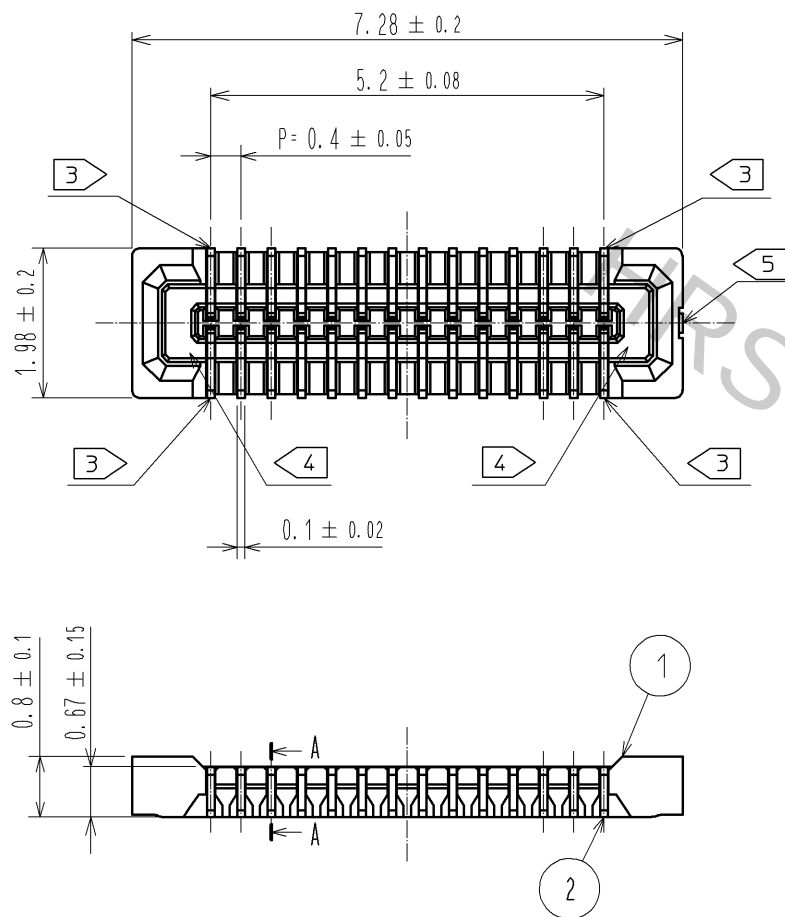
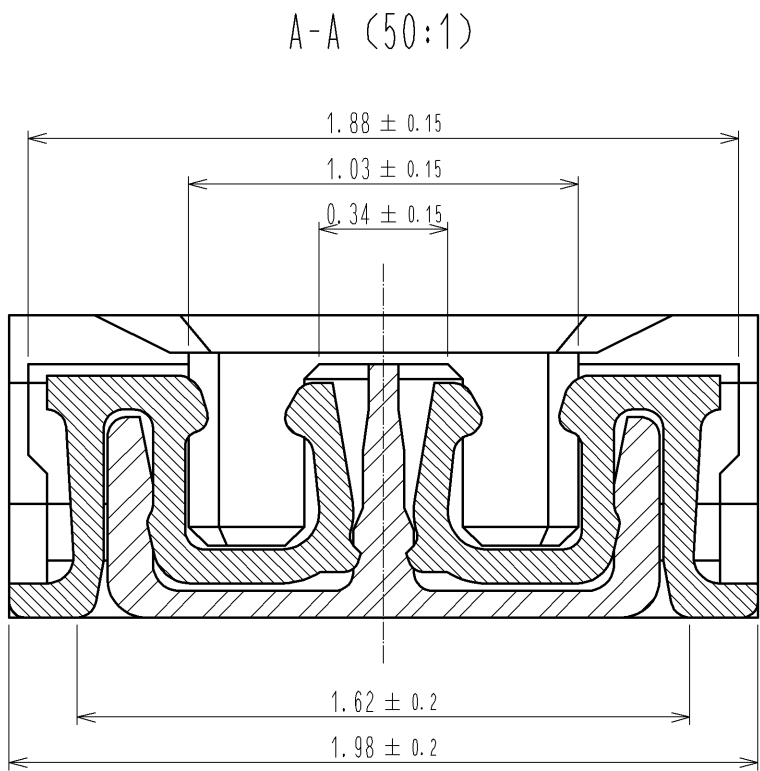
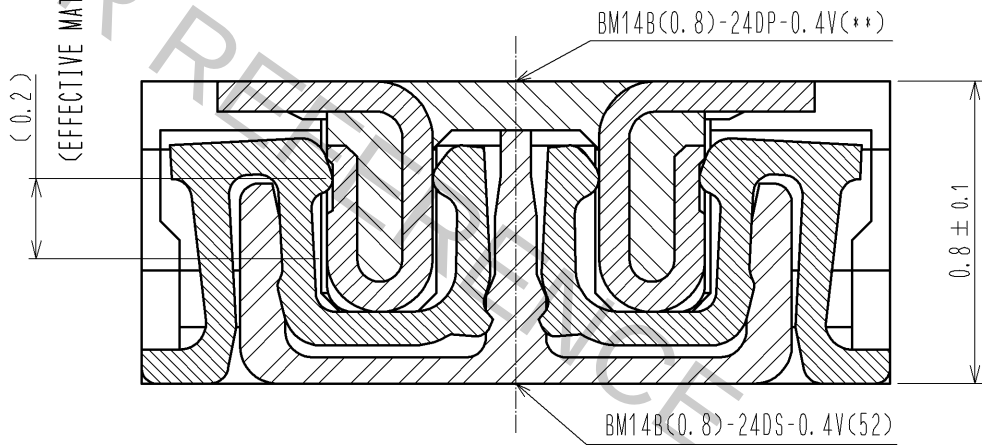


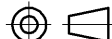


- NOTE) 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
2. CONTACT PLATING SPECIFICATIONS.
- CONTACT AREA : GOLD $0.05 \mu\text{m}$ MIN
 - SMT LEAD : GOLD $0.05 \mu\text{m}$ MIN
 - UNDERPLATING : NICKEL $1 \mu\text{m}$ MIN
 - (SURFACE : SEALING)
3. EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS AND GROUNDING PURPOSE.
4. HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.
5. GATE POSITION IS INDICATED IN APPROX POSITION SHOWN.

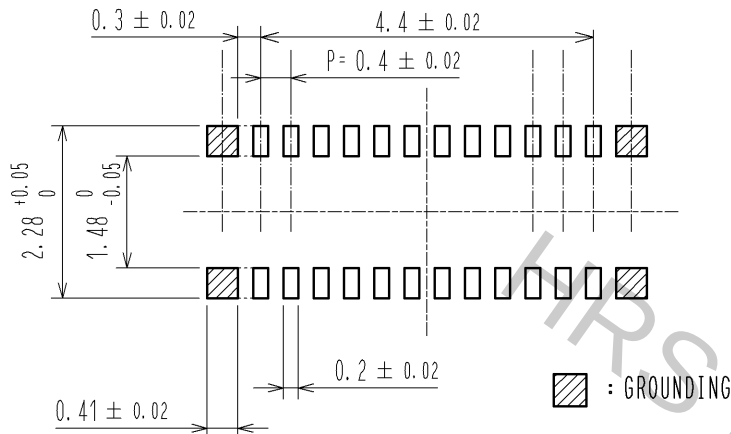


ENGAGEMENT FIGURE (50:1)



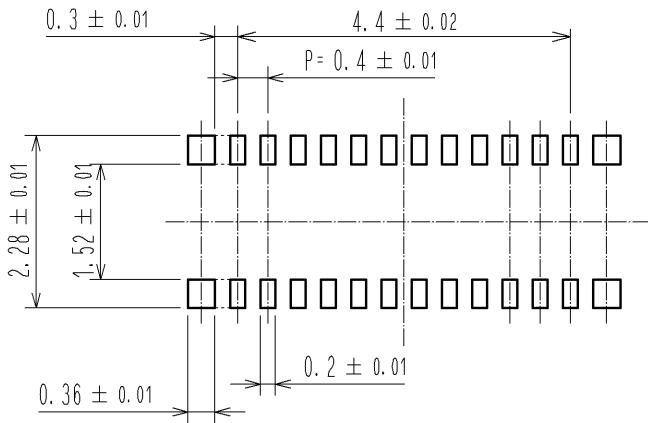
				7		PS		CLEAR (REINFORCEMENT COLLAR)									
3		PS		CLEAR (ENBOSSED CARRIER TAPE)		6		POLYIMIDE		BROWN (HEAT RESISTANCE TAPE)							
2		PHOSPHOR BRONZE		2		5		PS		BLACK (PLASTIC REEL)							
1		LCP		UL94 V-0, BLACK		4		POLYESTER		CLEAR (COVER TAPE)							
NO.		MATERIAL		FINISH , REMARKS		NO.		MATERIAL		FINISH , REMARKS							
UNITS mm				SCALE 10 : 1				COUNT		DESCRIPTION OF REVISIONS		DESIGNED		CHECKED		DATE	
 HIROSE ELECTRIC CO., LTD.				APPROVED : KH. IKEDA				11. 04. 11		DRAWING NO.		EDC3-319840-02					
				CHECKED : AR. TAKAHASHI				11. 04. 08		PART NO.		BM14B(0.8)-24DS-0.4V(52)					
				DESIGNED : SH. HOSODA				11. 04. 08		CODE NO.		CL684-8005-0-52					
				DRAWN : KR. AJITO				11. 04. 06				 1/3					

◆ RECOMMENDED PCB LAYOUT

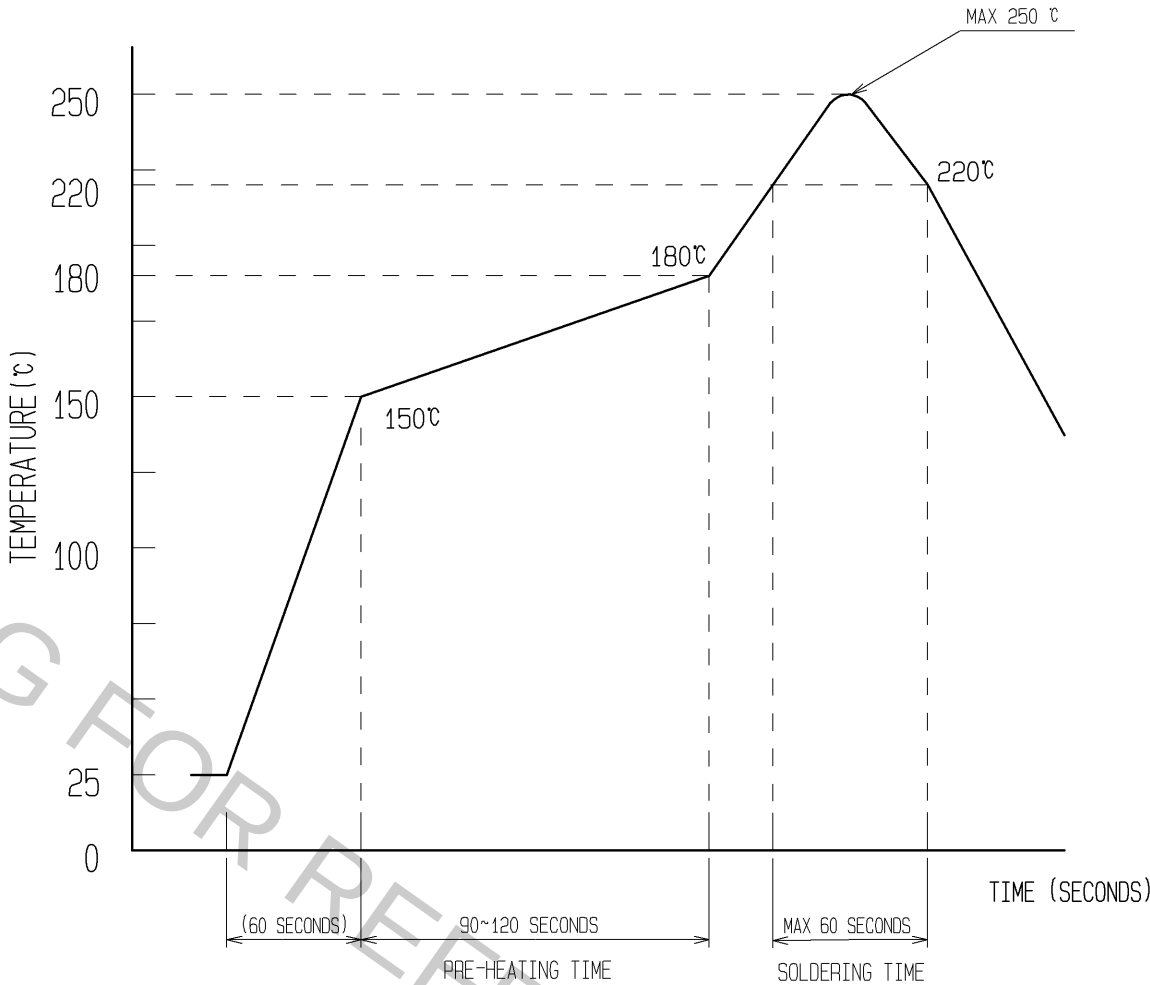


◆ RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : $100 \mu\text{m}$



6 RECOMMENDED REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE.



REFLOW METHOD: IR REFLOW.
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.
1) REFLOW TIME
DURATION ABOVE 220 $^{\circ}\text{C}$, 60 SEC. MAX.
(PEAK TEMPERATURE: 250 $^{\circ}\text{C}$ MAX)
2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN): 150 $^{\circ}\text{C}$
PRE-HEAT TEMPERATURE(MAX): 180 $^{\circ}\text{C}$
PRE-HEAT TIME: 90-120 sec.

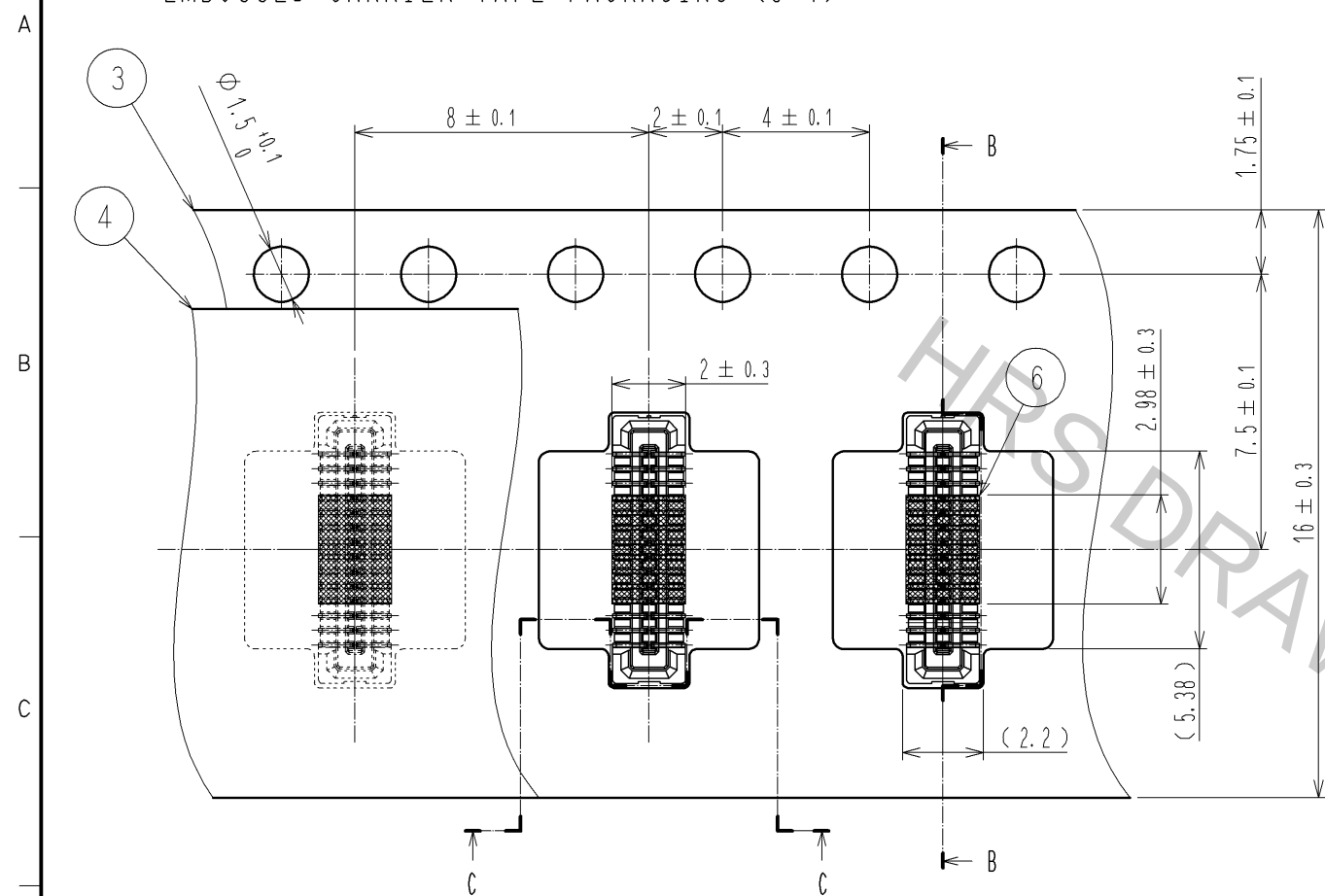
6 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.
ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND
OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE,
A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED
PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS

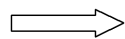
DRAWING NO.	EDC3-319840-02
PART NO.	BM14B(0.8)-24DS-0.4V(52)
CODE NO.	CL684-8005-0-52

2/3

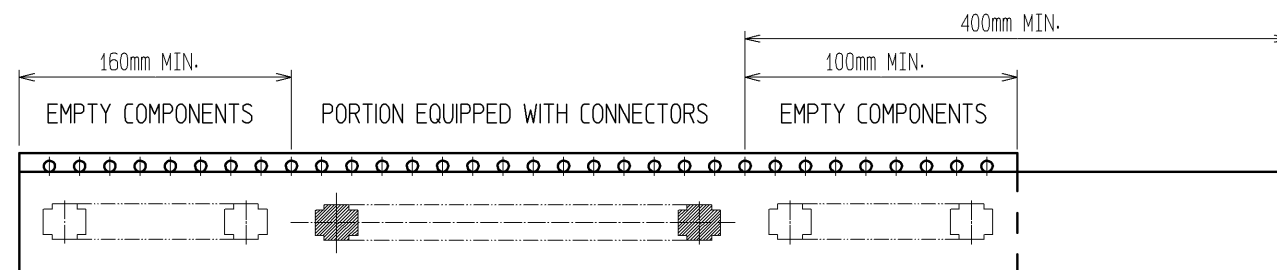
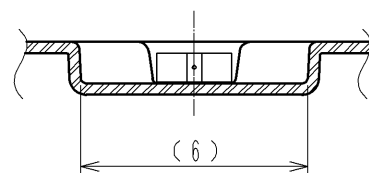
EMBOSSSED CARRIER TAPE PACKAGING (5:1)



DIRECTION OF UNREELING



C-C (5:1)

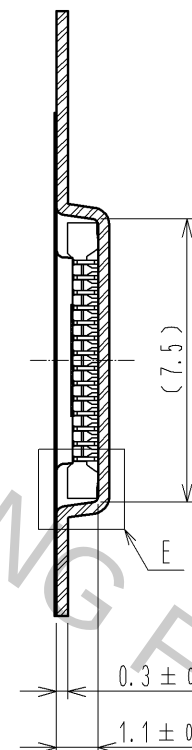


TRAILER

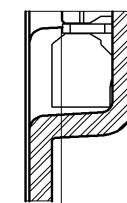
9 TAPING (FREE)

LEADER

B-B (5:1)

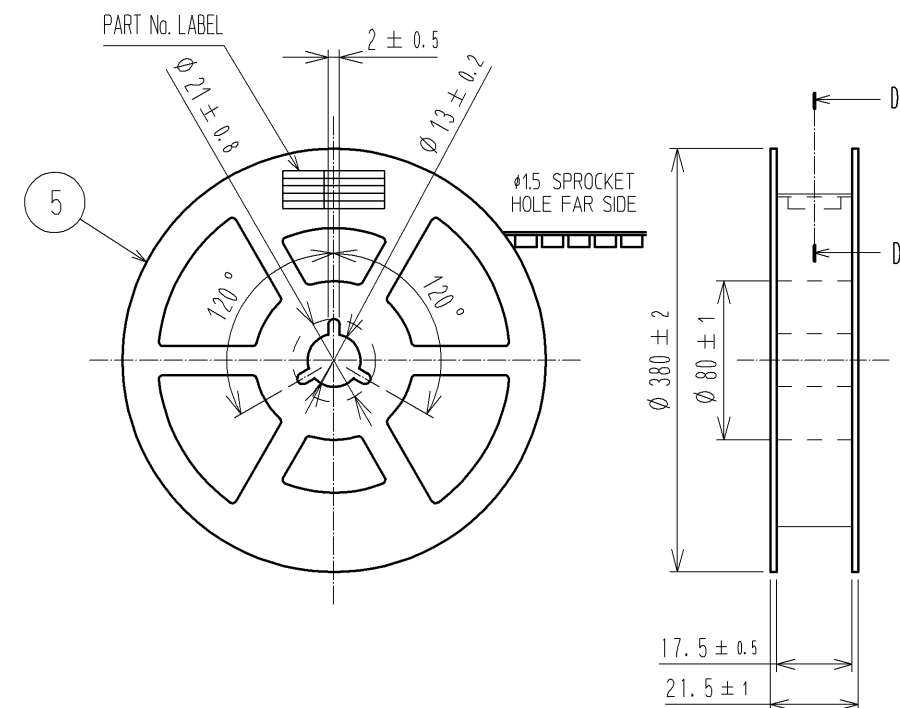


E(10:1)



PICK UP AREA : (0.13)

STYLE AND DIMENSION OF REEL (FREE)

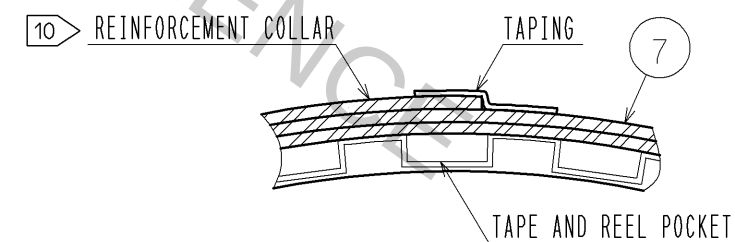


DETAIL OF PART No. LABEL

製造年月日	** ** *
製品コード	CL0684-8005-0-(52)
製品名	BM14B(0.8)-24DS-0.4V(52)
数量	8,000
納入者	ヒロセ電機(株)

DATE OF MANUFACTURED
CODE No.
PART No.
QUANTITY
SUPPLIER

D-D (FREE)



7. PER REEL 8000 CONNECTORS.

8. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

9 REFER TO JIS C 0806(PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)

10. 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.