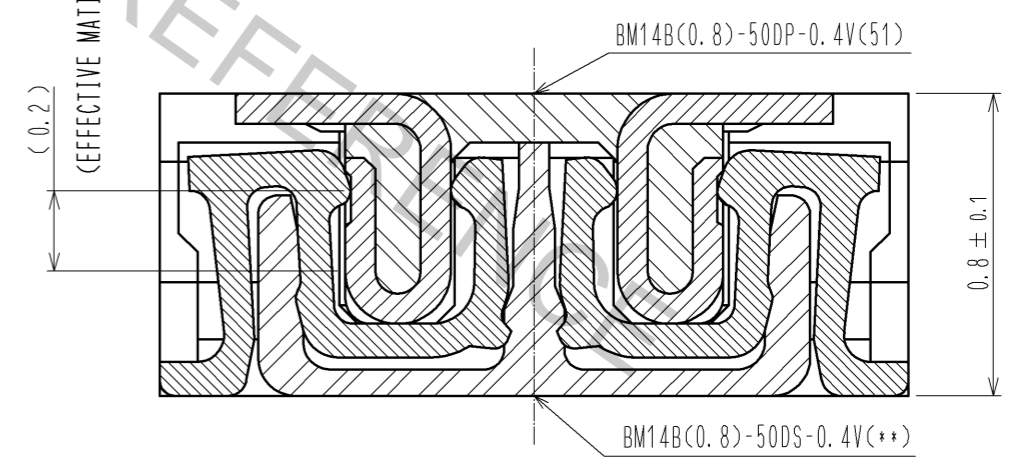


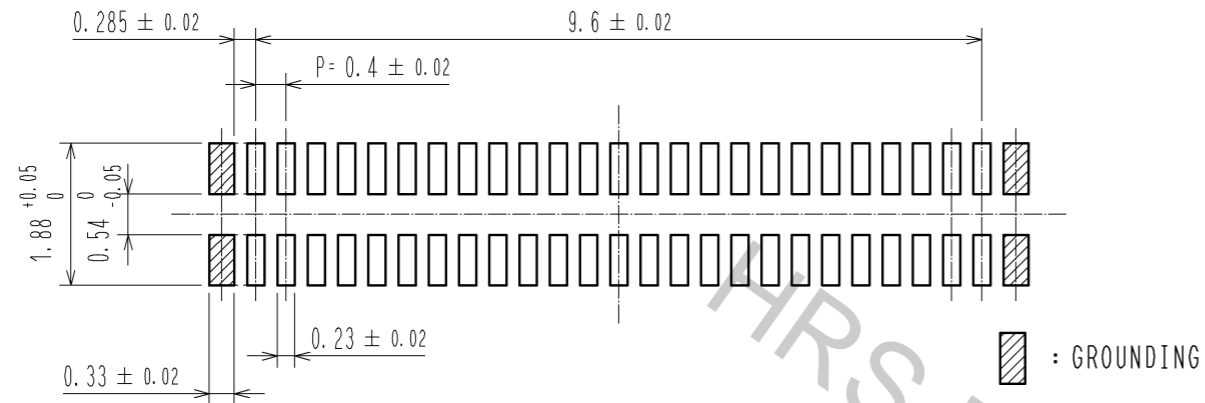
ENGAGEMENT FIGURE (50:1)



- 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
 UNDERPLATING : NICKEL 1 μm 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 . A PART OF THE WALL COULD BE NOTCHED.

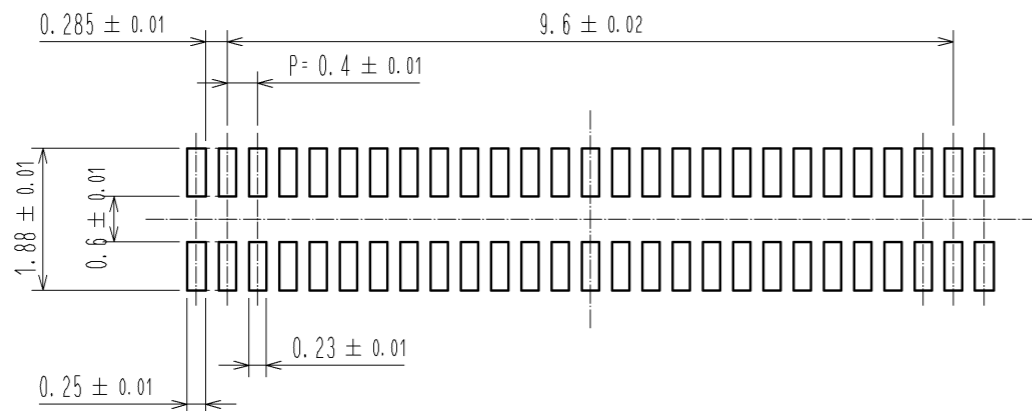
3	PS	CLEAR (EMBOSSED CARRIER TAPE)	6	PS	CLEAR (REINFORCEMENT COLLAR)
2	PHOSPHOR BRONZE	2	5	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	4	POLYESTER	CLEAR (COVER TAPE)
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 10 : 1	COUNT 1	DESCRIPTION OF REVISIONS	
DESIGNED		CHECKED		DATE	
APPROVED : KH. IKEDA		13.09.03		DRAWING NO. EDC3-319851-01	
CHECKED : TS. MIYAZAKI		13.09.03		PART NO. BM14B(0.8)-50DP-0.4V(51)	
DESIGNED : SH. HOSODA		13.09.03		CODE NO. CL684-8016-7-51	
DRAWN : SH. HOSODA		13.09.03		1/3	

◆ RECOMMENDED PCB LAYOUT

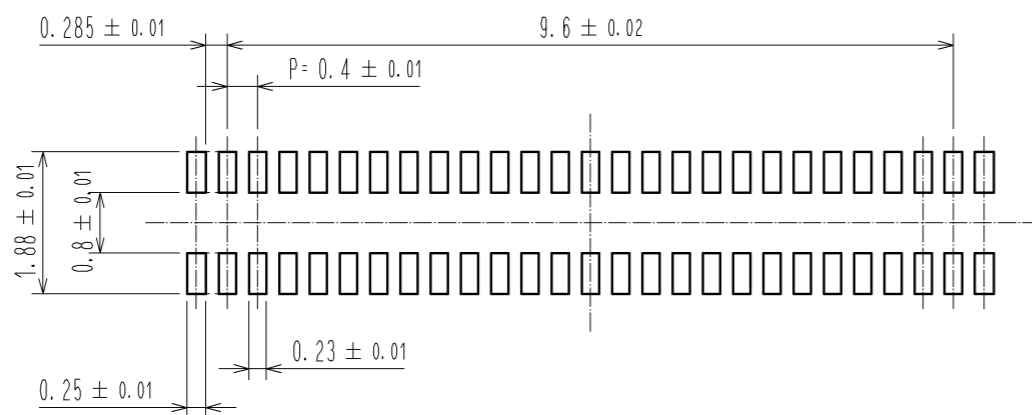


◆ RECOMMENDED METAL MASK DIMENSIONS

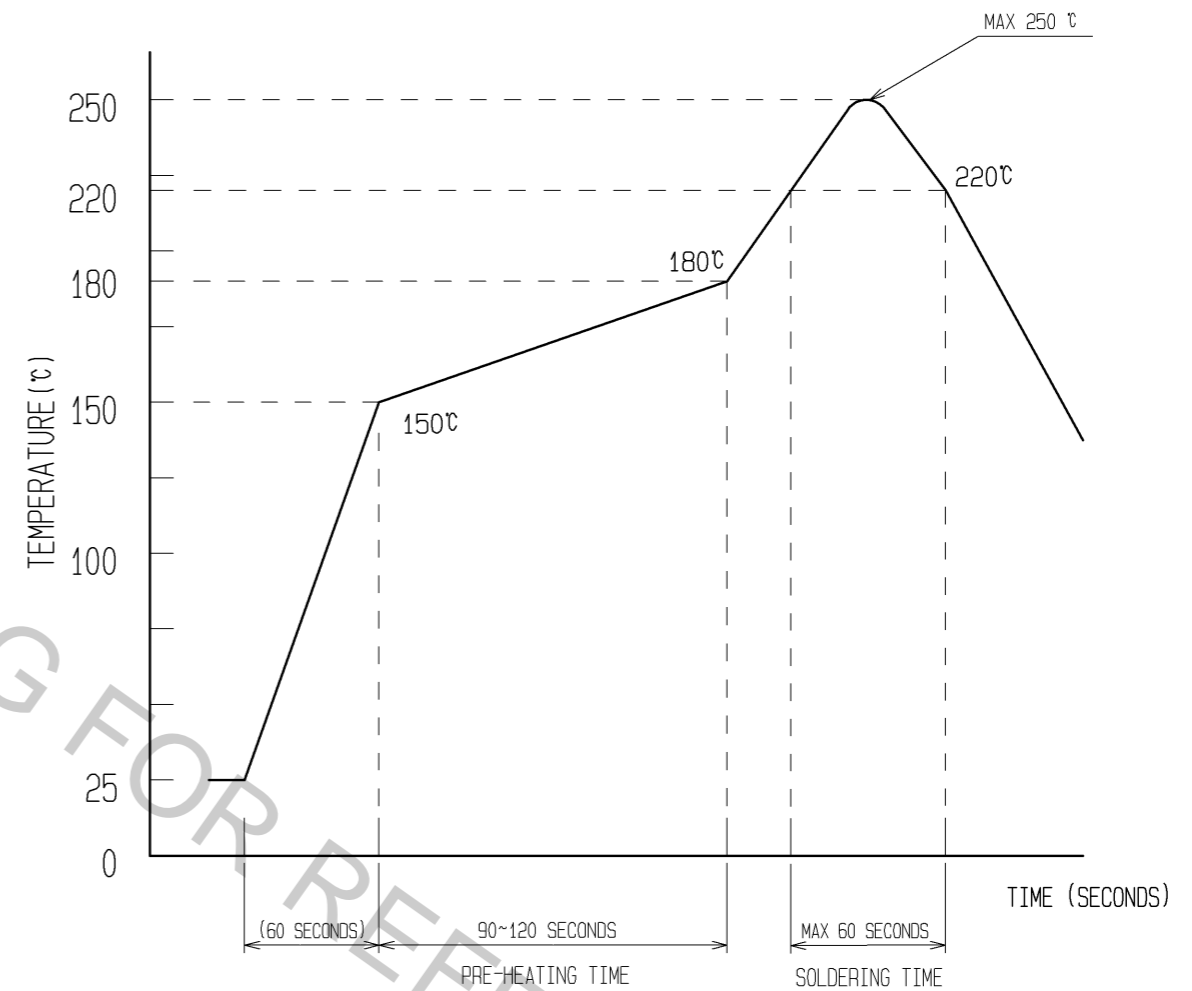
METAL MASK THICKNESS : 100 μm



METAL MASK THICKNESS : 120 μm



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



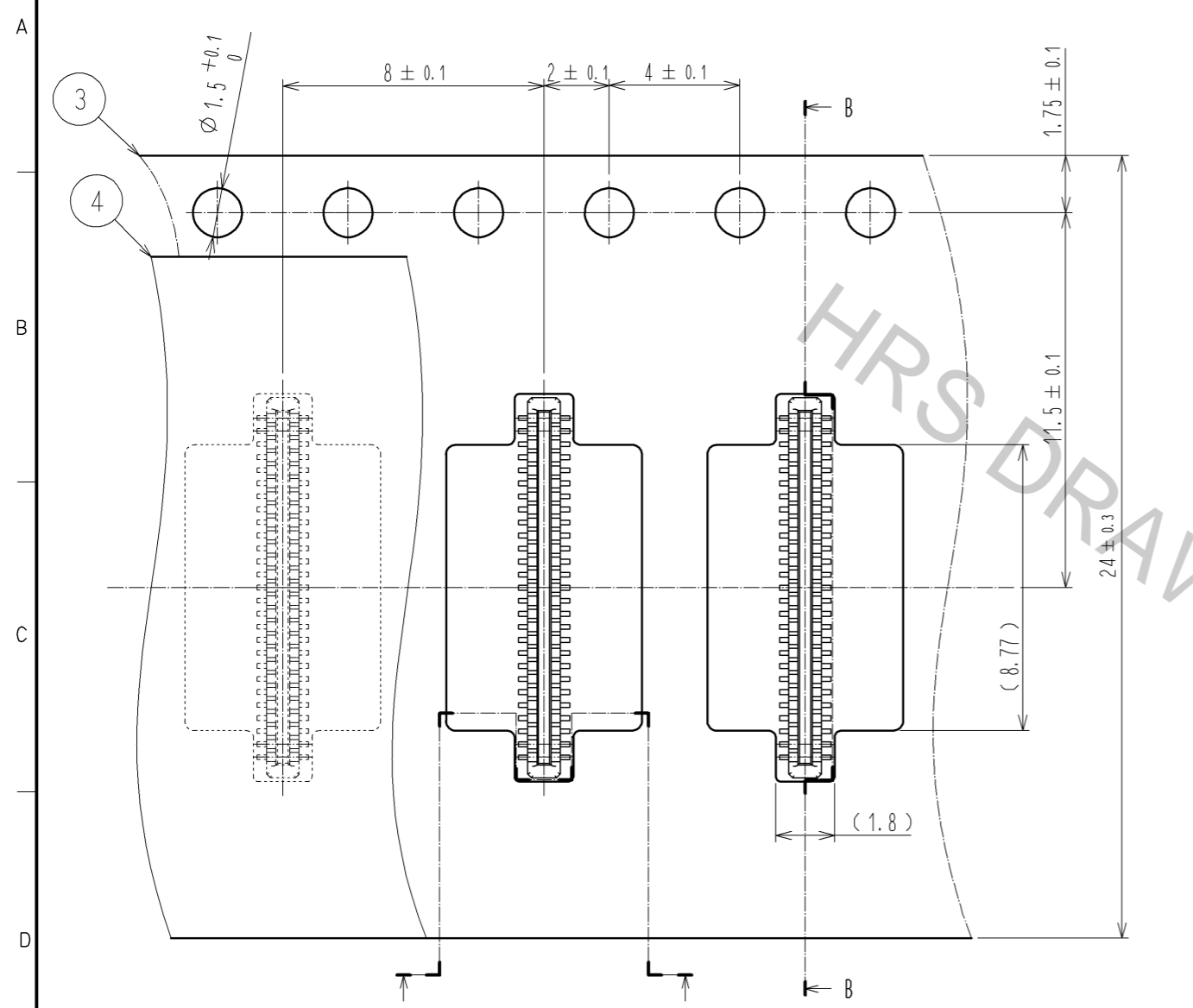
- REFLOW METHOD: IR REFLOW
 NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.
 1) REFLOW TIME
 DURATION ABOVE 220°C, 60 SEC. MAX.
 (PEAK TEMPERATURE: 250°C MAX)
 2) PRE-HEAT TIME
 PRE-HEAT TEMPERATURE(MIN): 150°C
 PRE-HEAT TEMPERATURE(MAX): 180°C
 PRE-HEAT TIME: 90-120 sec.

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.

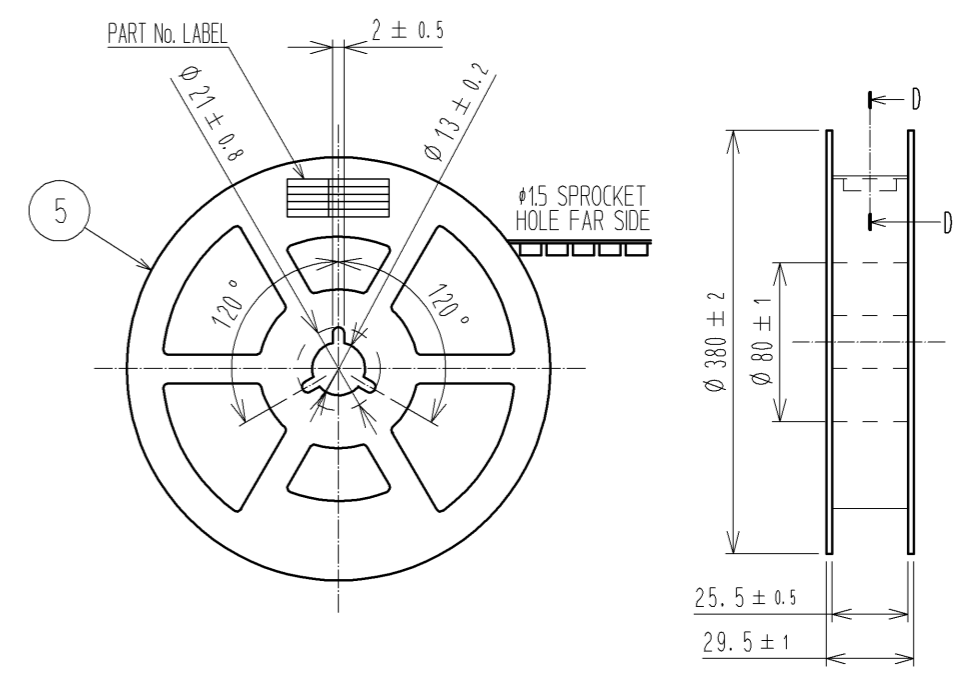
HRS	DRAWING NO.	EDC3-319851-01
	PART NO.	BM14B(0.8)-50DP-0.4V(51)
	CODE NO.	CL684-8016-7-51
		△ 2/3

ENBOSSED CARRIER TAPE PACKAGING (5:1)

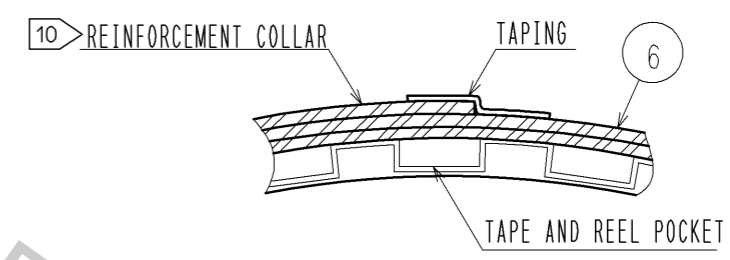
STYLE AND DIMENTION OF REEL (FREE)



B-B (5:1)



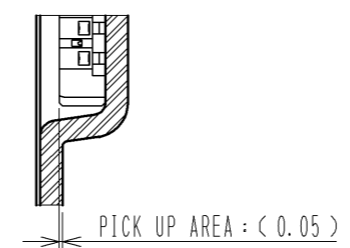
D-D (FREE)



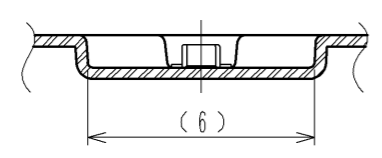
DETAIL OF PART No. LABEL

SUPPLIER	
QUANTITY	
PART No.	
CODE No.	
DATE OF MANUFACTURED	
製造年月日	** ** *
製品コード	CL684-8016-7-51
製品名	BM14B(0.8)-50DP-0.4V(51)
数量	8,000
納入者	ヒロセ電機(株)

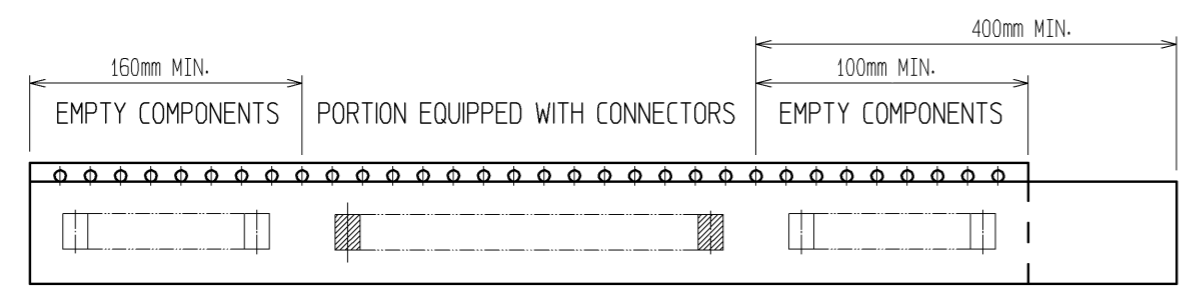
E(10:1)



C-C (5:1)



DIRECTION OF UNREELING



TRAILER

9 TAPING (FREE)

LEADER

- 7. PER REEL 8000 CONNECTORS.
- 8. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
- 9. REFER TO JIS C 0806 AND IEC 60286-3(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.

HRS	DRAWING NO.	EDC3-319851-01
	PART NO.	BM14B(0.8)-50DP-0.4V(51)
	CODE NO.	CL684-8016-7-51
		\triangle 3/3