

NOTE) 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX

2. CONTACT PLATING SPECIFICATIONS

CONTACT AREA : GOLD 0.05 μ m MIN

SMT LEAD : GOLD 0.05 μ m MIN

UNDERPLATING : NICKEL 1 μ m MIN

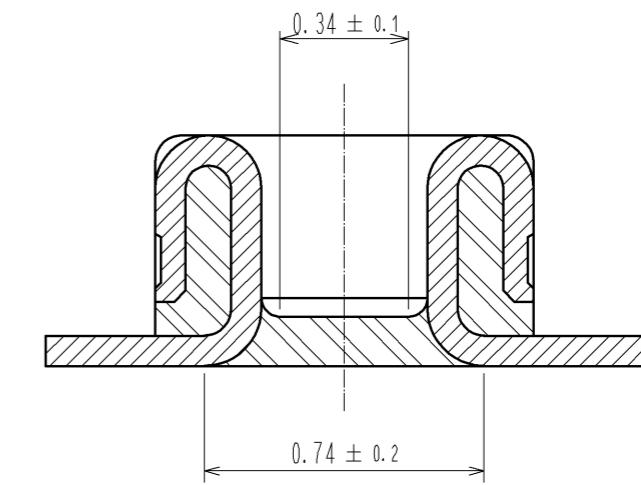
(SURFACE : SEALING)

3. EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS AND GROUNDING PURPOSE.

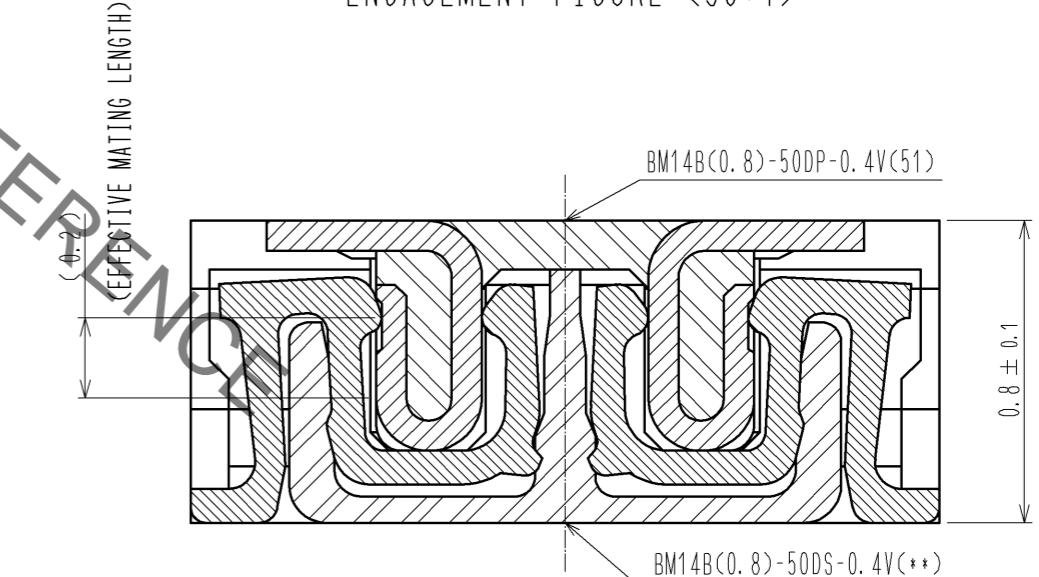
4. HRS MARK AND CAV No. ARE INDICATED IN APPROX POSITION SHOWN.

5. A PART OF THE WALL COULD BE NOTCHED.

A-A (50:1)



ENGAGEMENT FIGURE (50:1)

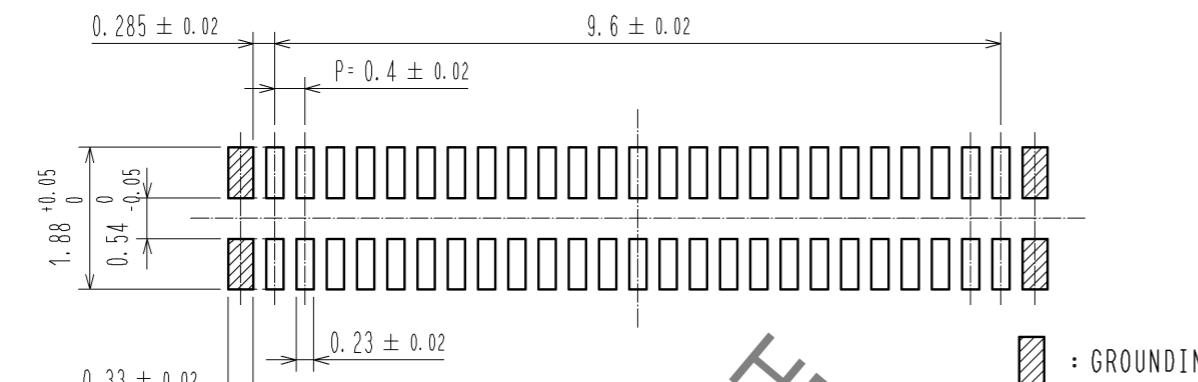


NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS		
3	PS	CLEAR (ENBOSS CARRIER TAPE)	6	PS	CLEAR (REINFORCEMENT COLLAR)		
2	PHOSPHOR BRONZE	2	5	PS	BLACK (PLASTIC REEL)		
1	LCP	UL94 V-0, BLACK	4	POLYESTER	CLEAR (COVER TAPE)		
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS		
UNITS 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			

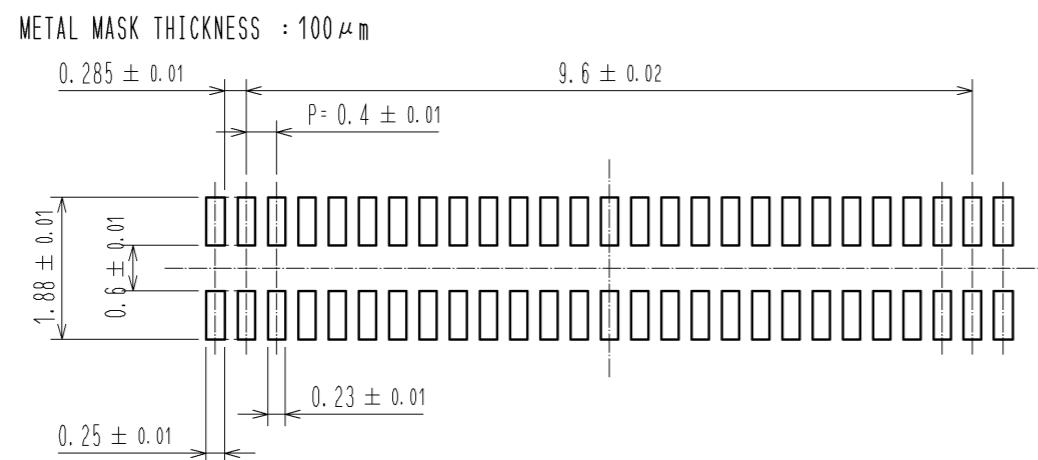
HRS

HIROSE
ELECTRIC
CO., LTD.

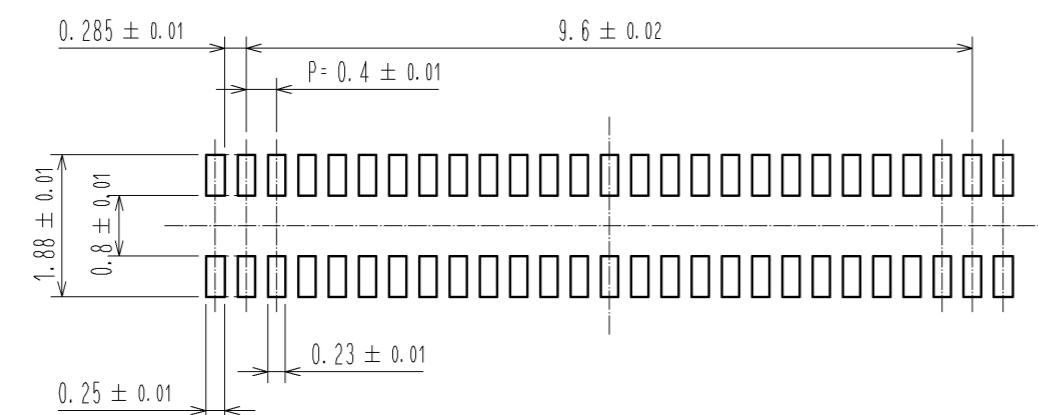
◆ RECOMMENDED PCB LAYOUT



◆ RECOMMENDED METAL MASK DIMENSIONS

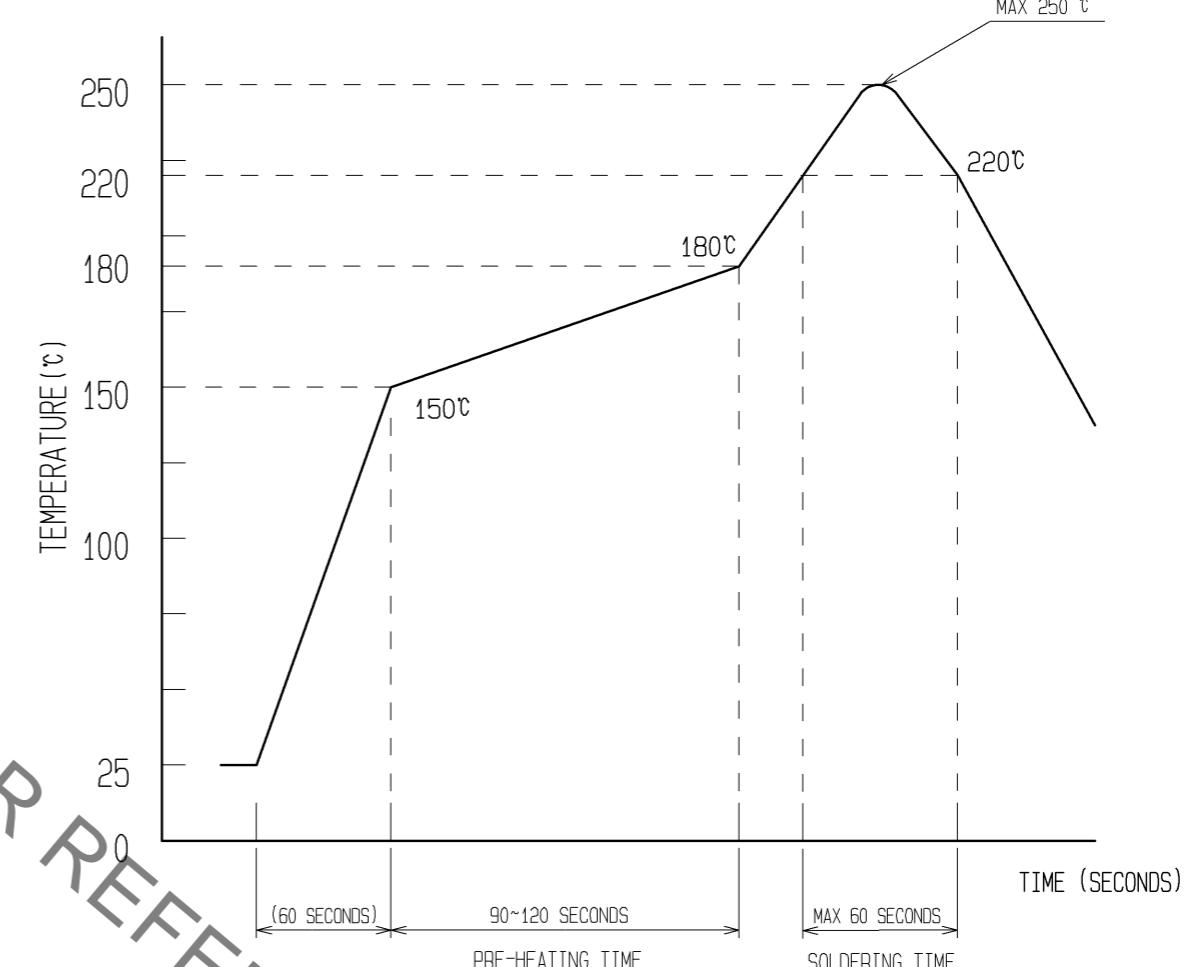


METAL MASK THICKNESS : $100 \mu\text{m}$



METAL MASK THICKNESS : $120 \mu\text{m}$

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°C, 60 SEC. MAX.

(PEAK TEMPERATURE: 250°C MAX)

2) PRE-HEAT TIME

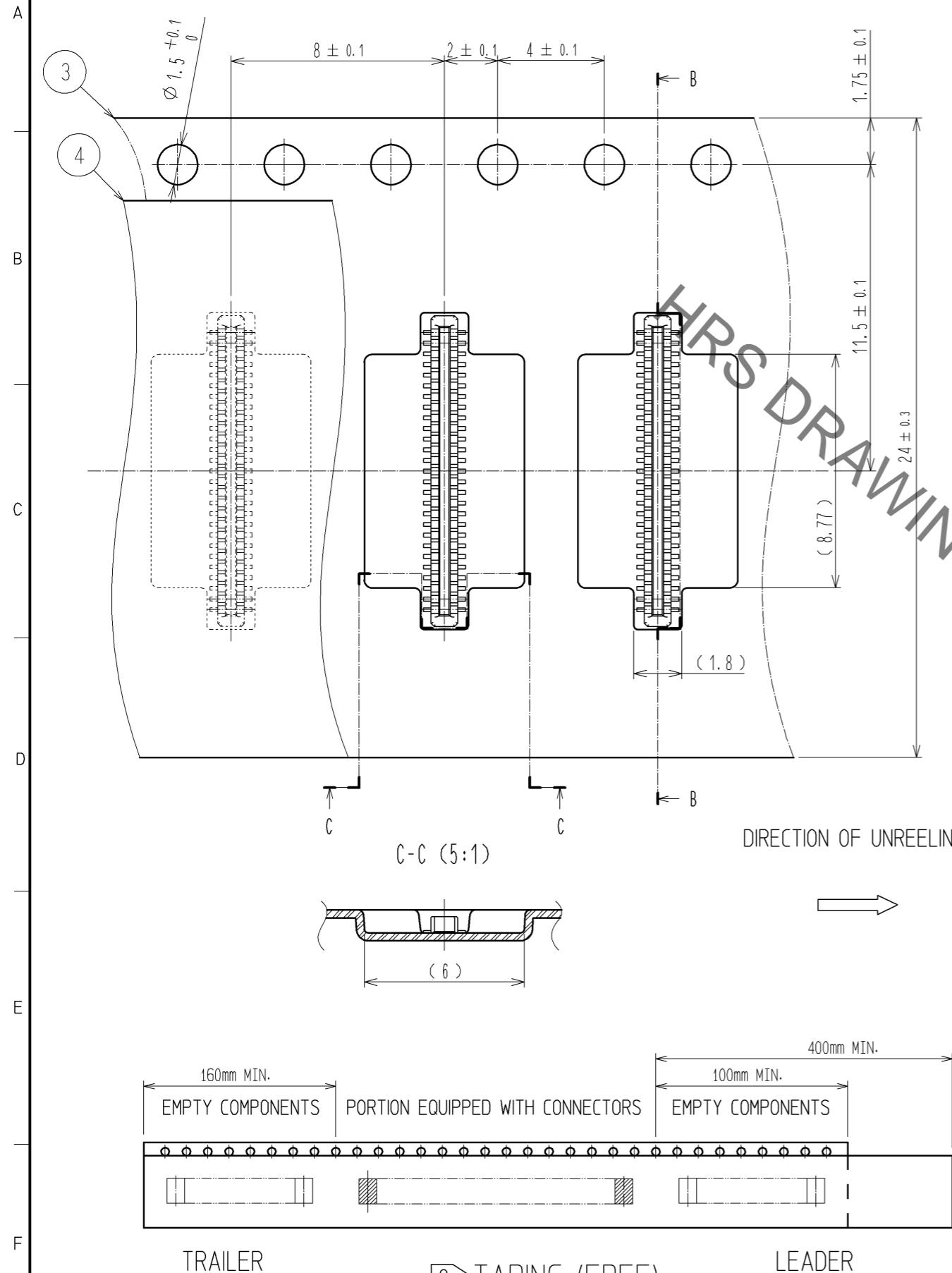
PRE-HEAT TEMPERATURE(MIN): 150°C

PRE-HEAT TEMPERATURE(MAX): 180°C

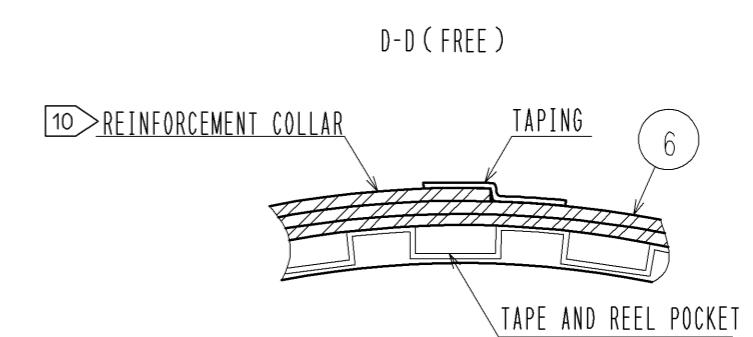
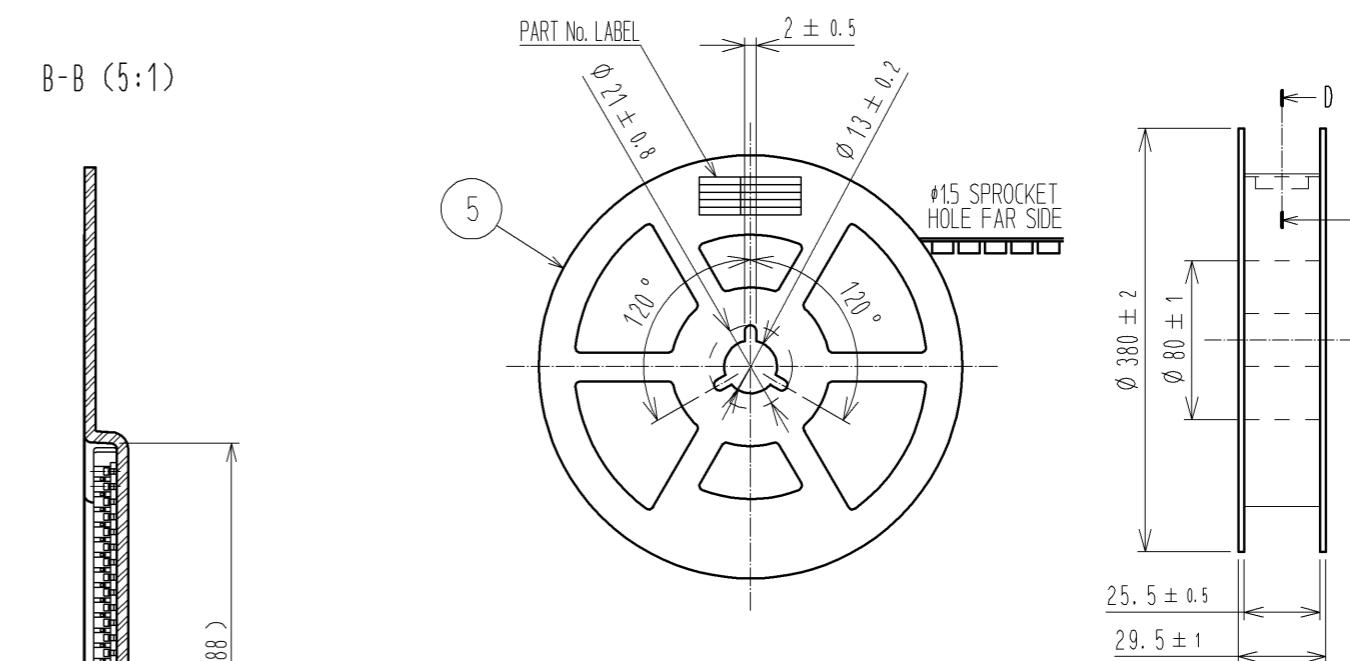
PRE-HEAT TIME: 90-120 sec.

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.

ENBOSSED CARRIER TAPE PACKAGING (5:1)



STYLE AND DIMENTION OF REEL (FREE)



DETAIL OF PART No. LABEL

SUPPLIER	
QUANTITY	
PART No.	
CODE No.	
DATE OF MANUFACTURED	
製造年月	** * * *
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)

7. PER REEL 8000 CONNECTORS.

8. THE DIMENSIONS IN PARENTHESSES 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.



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

Mouser Electronics

Authorized Distributor

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[BM14B\(0.8\)-50DP-0.4V\(51\)](#)