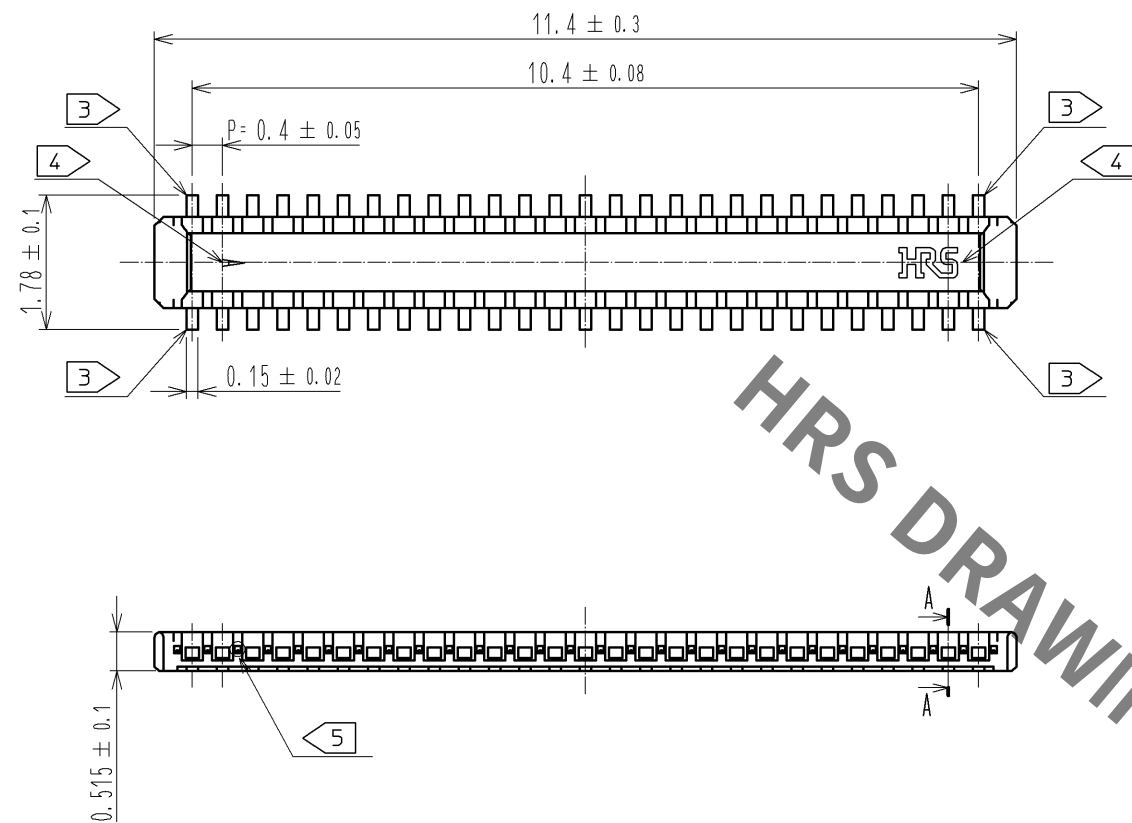
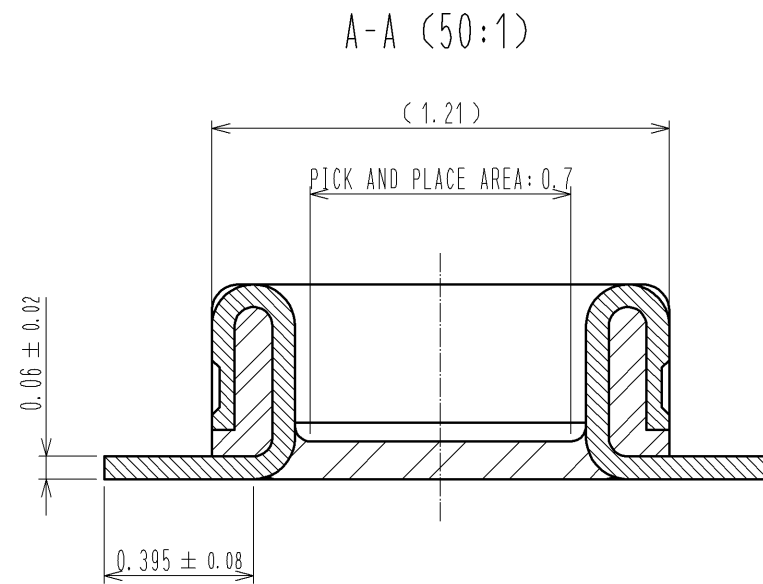
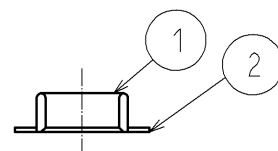


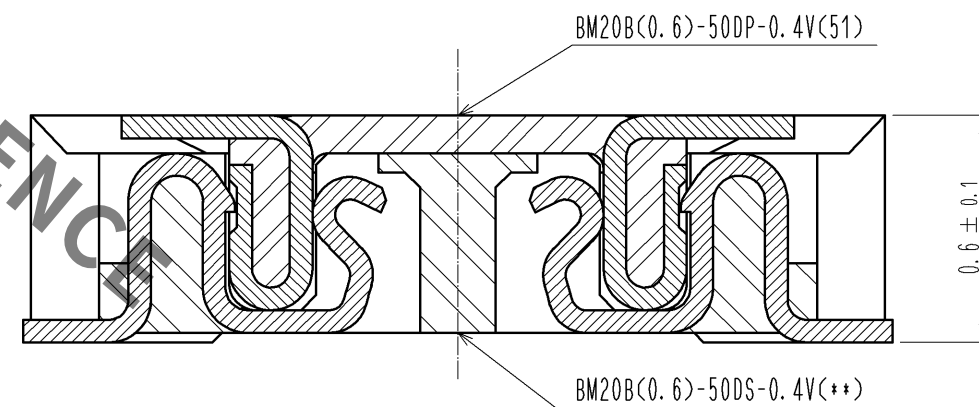
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- NOTE 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
- 2 . CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD $0.05 \mu\text{m}$ MIN
SMT LEAD : GOLD $0.05 \mu\text{m}$ MIN
UNDER PLATING : NICKEL $1 \mu\text{m}$ MIN
(SURFACE : SEALING)
- 3 . EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS.
- 4 . HRS MARK AND CAV No. ARE INDICATED IN APPROX POSITION SHOWN.
- 5 . A PART OF THE WALL COULD BE NOTCHED.



ENGAGEMENT FIGURE (50:1)

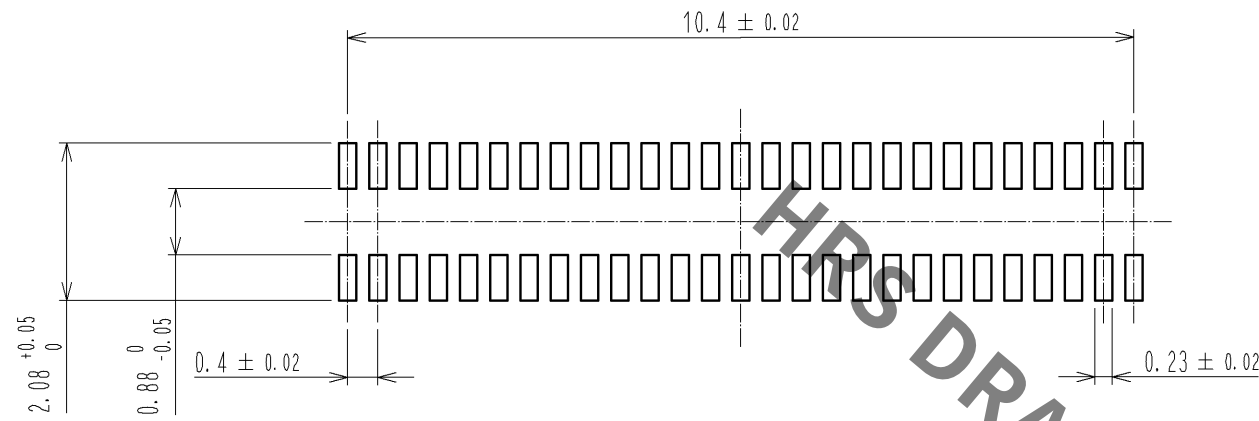


3	PS	CLEAR (EMBOSSED CARRIER TAPE)		6	PS	CLEAR (REINFORCEMENT COLLAR)	
2	PHOSPHOR BRONZE	2		5	PS	BLACK (PLASTIC REEL)	
1	LCP	UL94 V-0, BLACK		4	POLYESTER	CLEAR (COVER TAPE)	
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS	

UNITS mm		SCALE 10 : 1		COUNT 1	DESCRIPTION OF REVISIONS DIS-H-008208	DESIGNED KR. AJITO	CHECKED TS. MIYAZAKI	DATE 13. 10. 09
 HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA	13. 08. 07		DRAWING NO. EDC3-347093-01			
		CHECKED : TS. MIYAZAKI	13. 08. 07		PART NO. BM20B(0. 6)-50DP-0. 4V(51)			
		DESIGNED : RT. SHIMIZU	13. 08. 07		CODE NO. CL684-9306-2-51			
		DRAWN : KR. AJITO	13. 08. 07		 1/3			

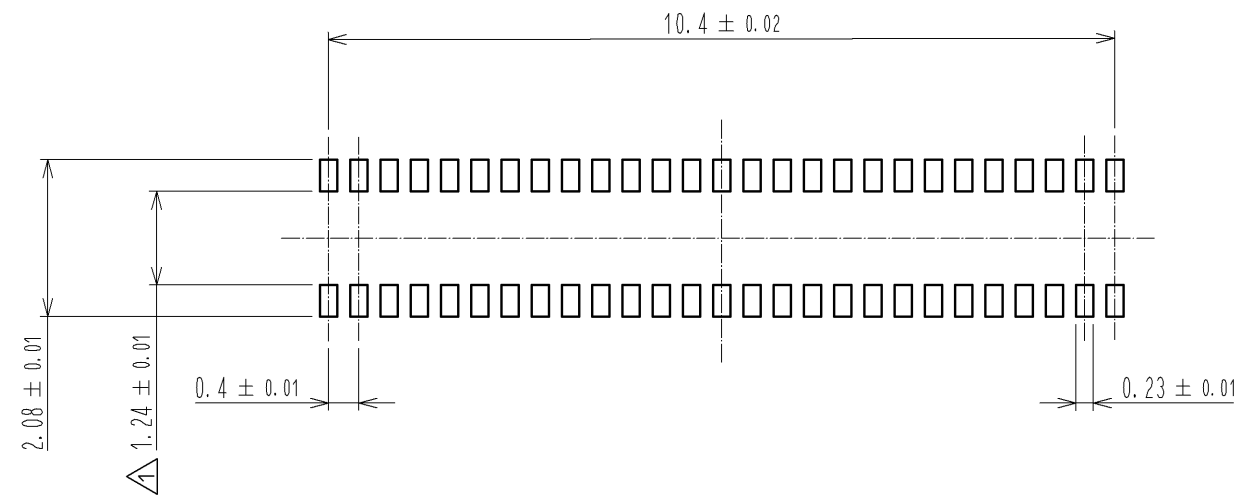
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◆RECOMMENDED PCB LAYOUT

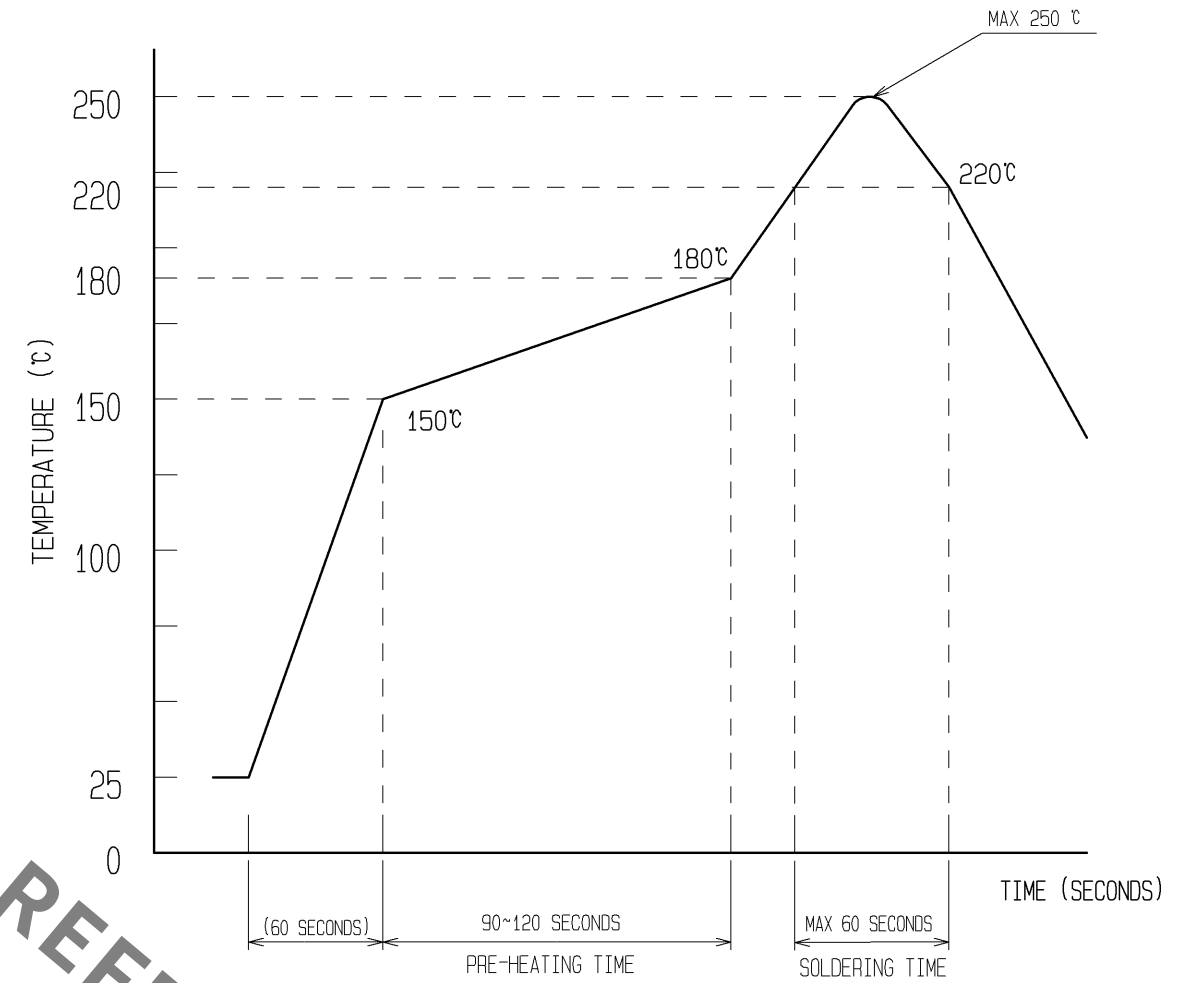


◆RECOMMENDED METAL MASK DIMENSIONS

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°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.

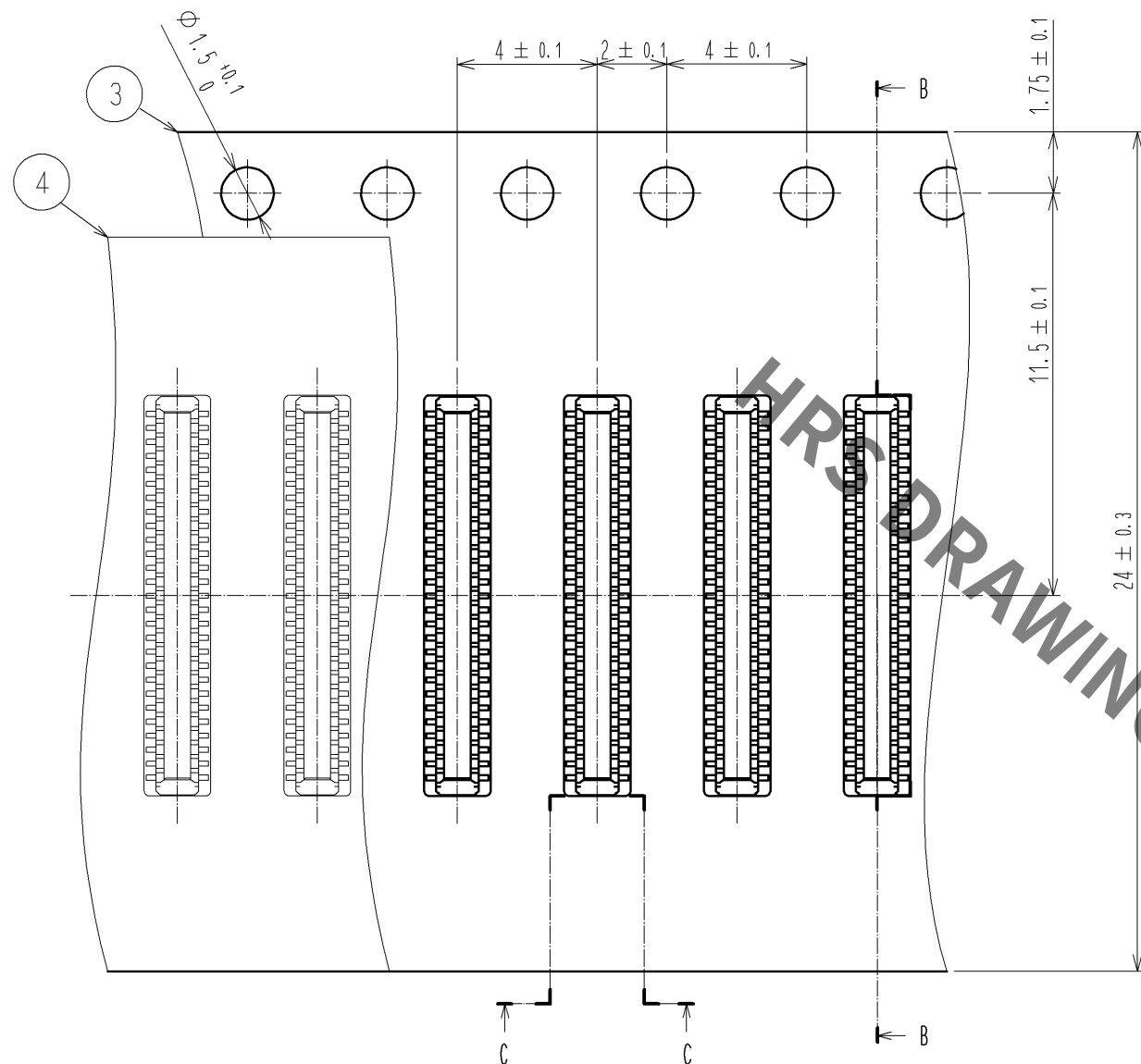
6> THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.
ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND
OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE,
A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED
PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS

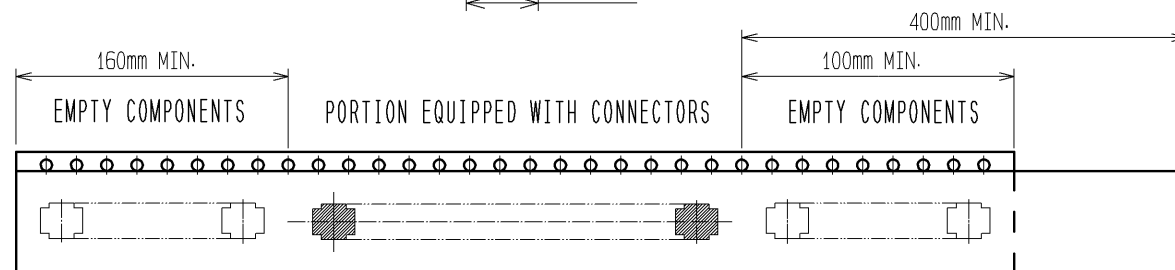
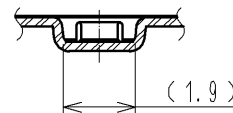
DRAWING NO.	EDC3-347093-01
PART NO.	BM20B<0.6>-50DP-0.4V<51>
CODE NO.	CL684-9306-2-51

2/3

EMBOSSED CARRIER TAPE PACKAGING (5:1)



C-C (5:1)

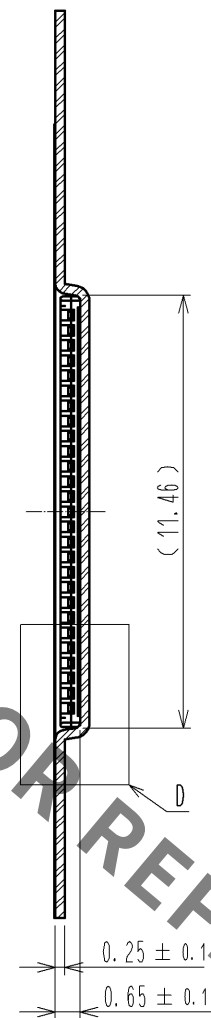


TRAILER

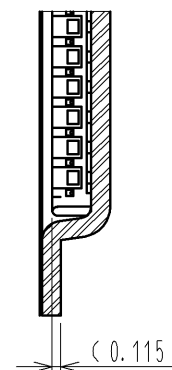
9 TAPING(FREE)

LEADER

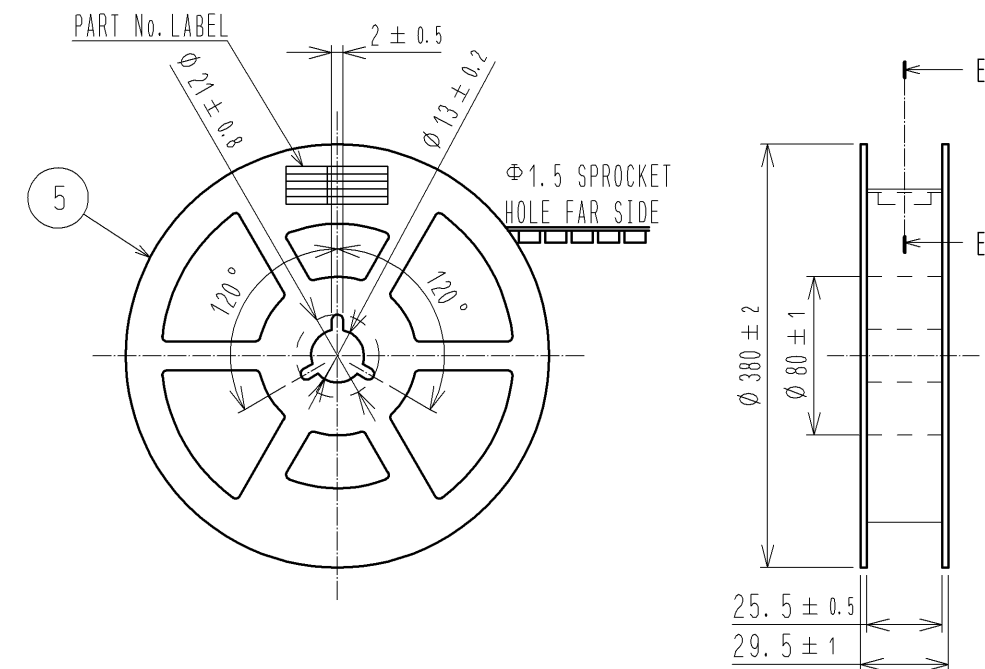
B-B (5:1)



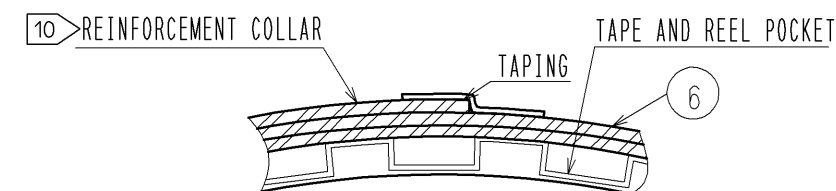
D (10:1)



STYLE AND DIMENTION OF REEL (FREE)



E-E (FREE)



DETAIL OF PART No. LABEL

製造年月日	** ** *
製品コード	CL684-9306-2-51
製品名	BM20B(0.6)-50DP-0.4V(51)
数量	8,000
納入者	ヒロセ電機(株)

DATE OF MANUFACTURED
CODE No.
PART No.
QUANTITY
SUPPLIER

7. PER REEL 8000 CONNECTORS.
8. THE DIMENTION IN PARENTHESSES ARE FOR REFERENCE.
9 REFER TO JIS C 0806 (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.

HR

DRAWING NO.	EDC3-347093-01
PART NO.	BM20B(0.6)-50DP-0.4V(51)
CODE NO.	CL684-9306-2-51

3/3

Mouser Electronics

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