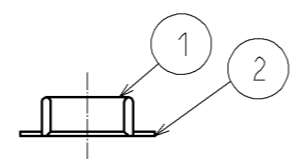
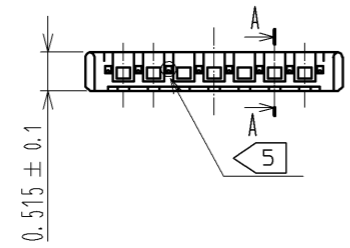
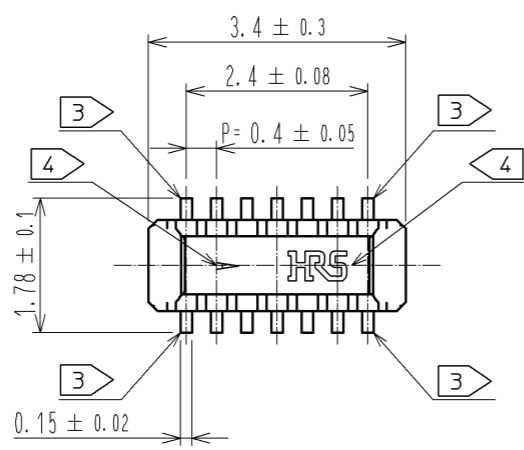
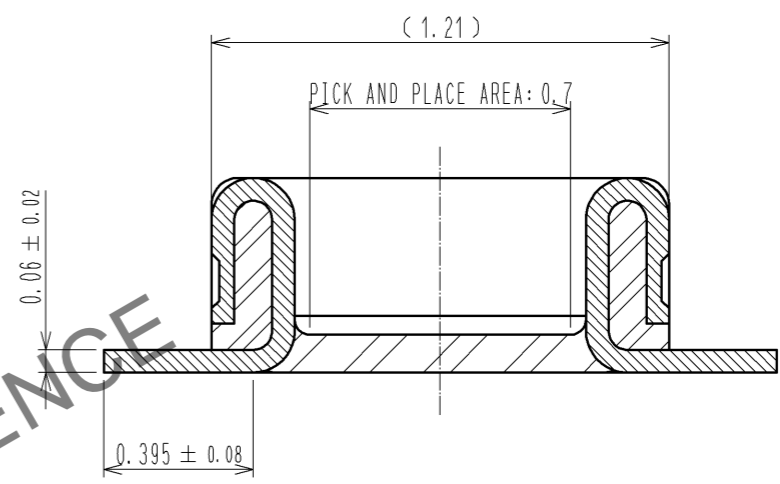


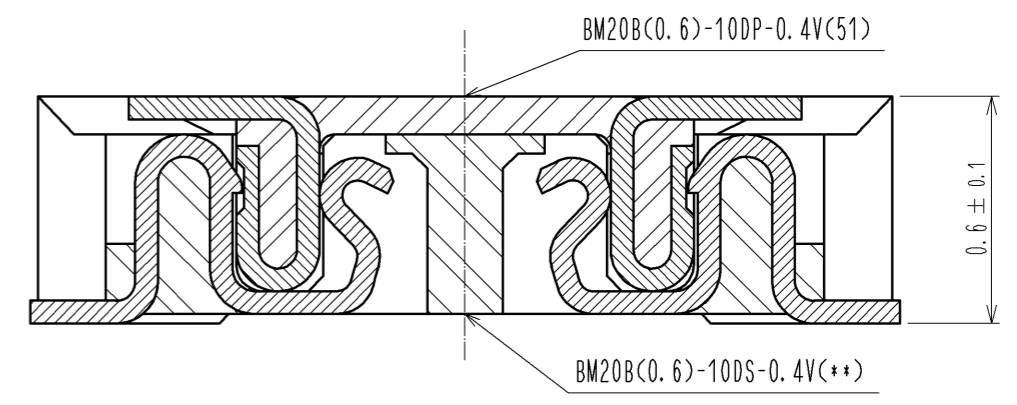
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A-A (50:1)



ENGAGEMENT FIGURE (50:1)

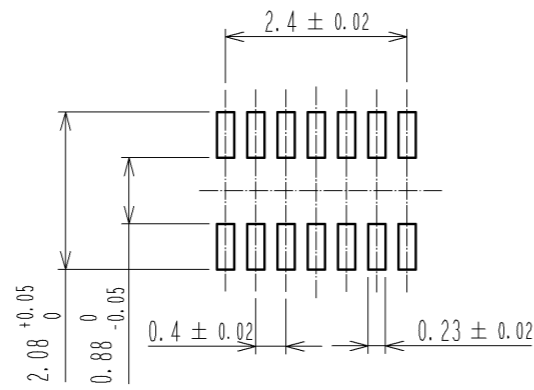


- NOTE 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
- 2 CONTACT PLATING SPECIFICATIONS  
CONTACT AREA : GOLD 0.05 $\mu$ m MIN  
SMT LEAD : GOLD 0.05 $\mu$ m MIN  
UNDER PLATING : NICKEL 1 $\mu$ m MIN  
( SURFACE : SEALING )
  - 3 EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS.
  - 4 HRS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

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	
APPROVED : KH. IKEDA 12.11.05			DESIGNED	CHECKED	
CHECKED : WR. FUKUCHI 12.11.05			KR. AJITO	TS. MIYAZAKI	
DESIGNED : RT. SHIMIZU 12.11.05			DATE 13.10.09		
DRAWN : RT. SHIMIZU 12.11.05			DRAWING NO. EDC3-347087-51		
HIROSE ELECTRIC CO., LTD.			PART NO. BM20B(0.6)-10DP-0.4V(51)		
			CODE NO. CL684-9300-6-51		

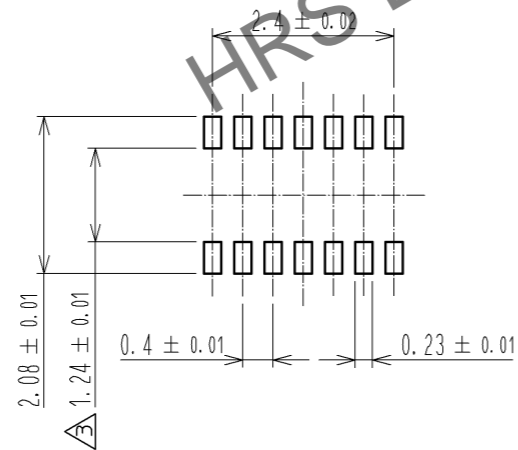
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◆ RECOMMENDED PCB LAYOUT

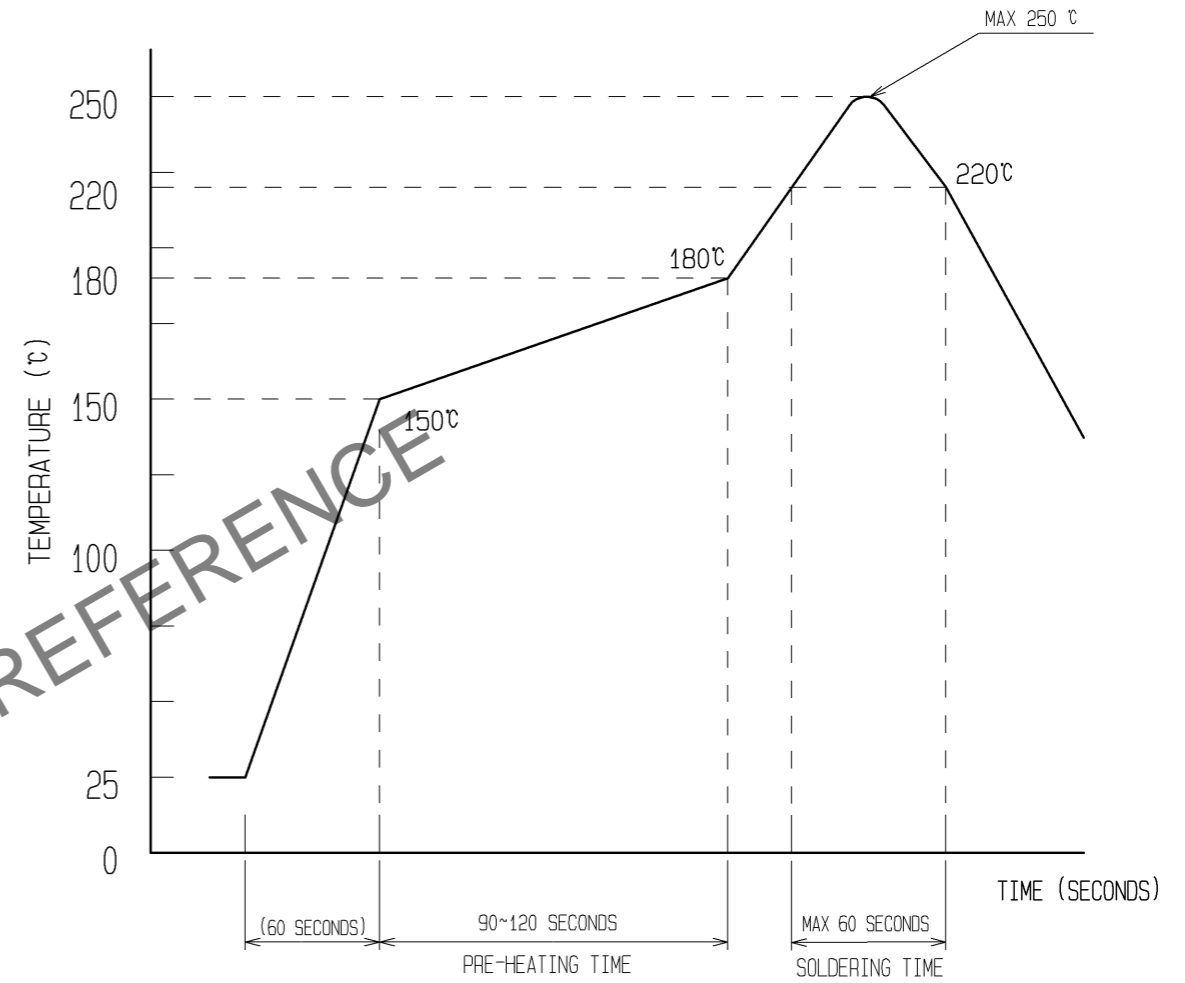


◆ RECOMMENDED METAL MASK DIMENSIONS

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.

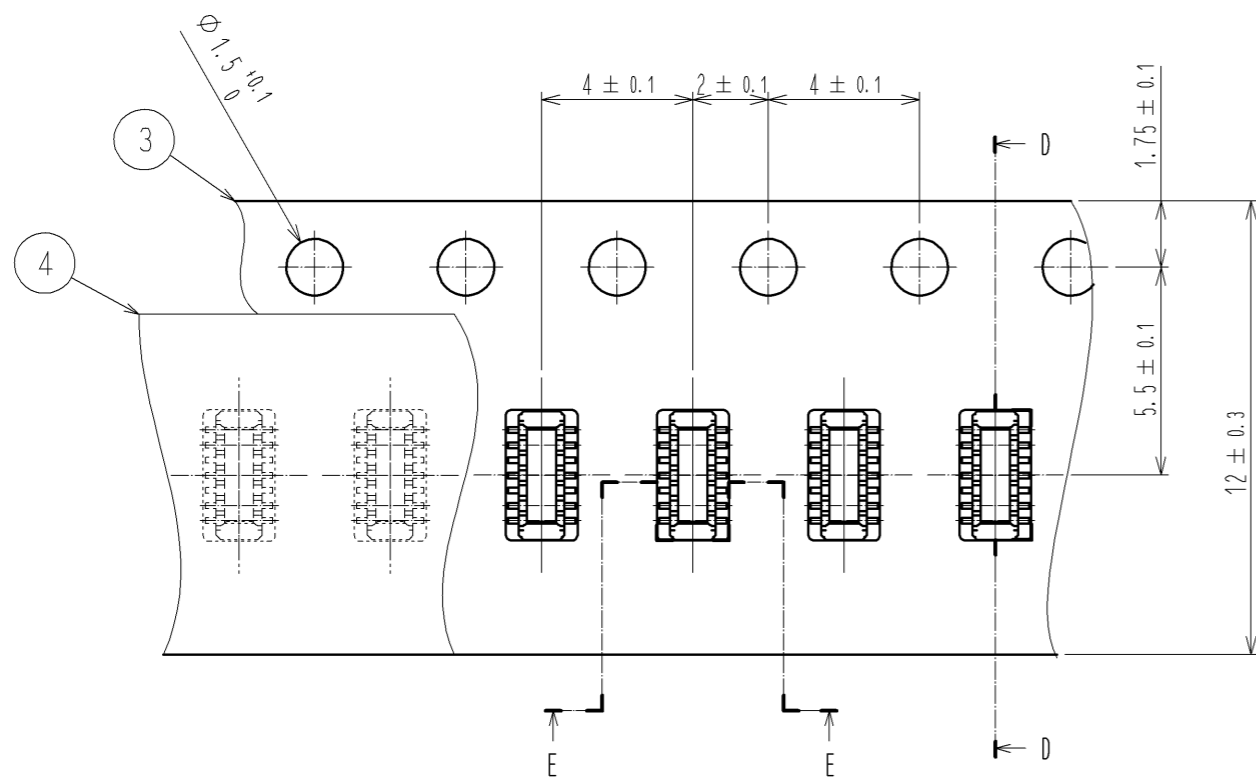
6 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

<b>HRS</b>	DRAWING NO.	EDC3-347087-51
	PART NO.	BM20B(0.6)-10DP-0.4V(51)
	CODE NO.	CL684-9300-6-51

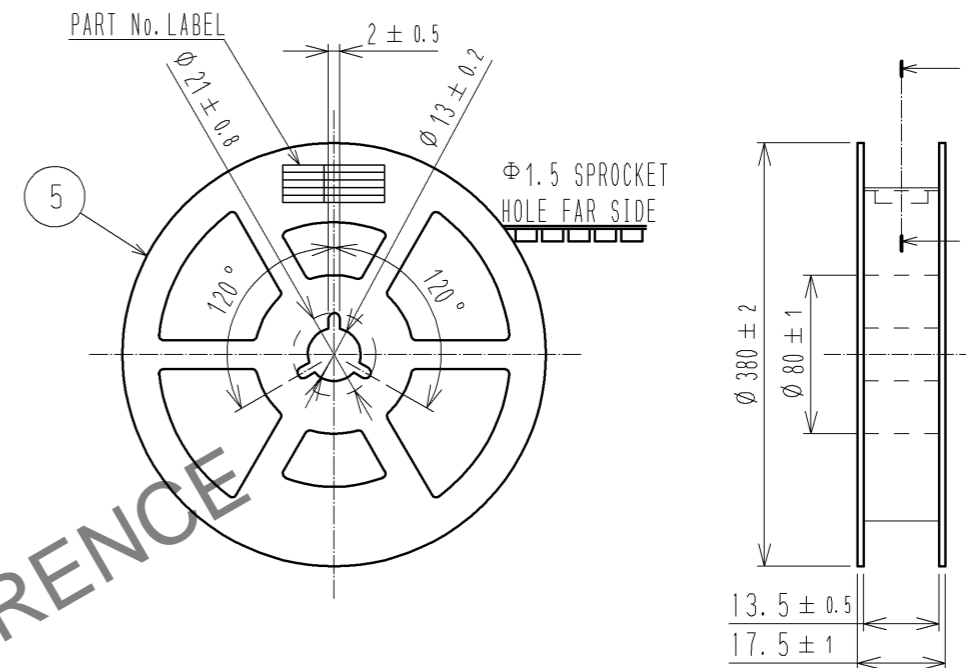
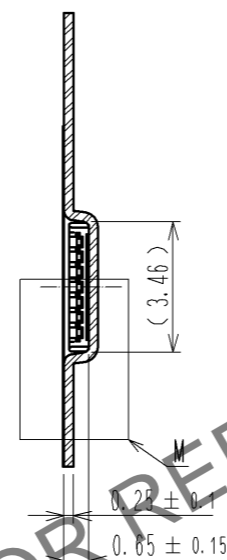
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### EMBOSED CARRIER TAPE PACKAGING (5:1)

### STYLE AND DIMENTION OF REEL (FREE)

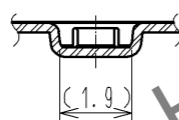


D-D (5:1)

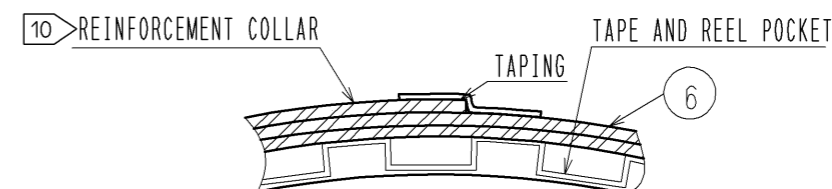


DIRECTION OF UNREELING

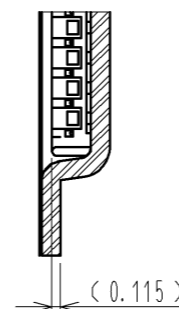
E-E (5:1)



L-L (FREE)

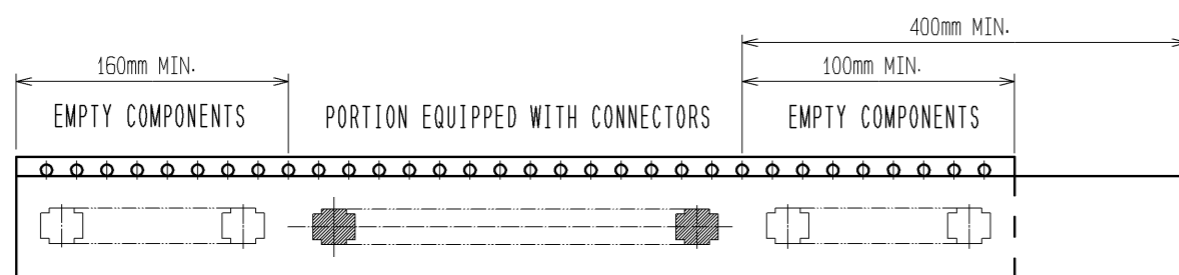


M (10:1)



#### DETAIL OF PART No. LABEL

製造年月日	** ** *	DATE OF MANUFACTURED
製品コード	CL684-9300-6-51	CODE No.
製品名	BM20B(0.6)-10DP-0.4V(51)	PART No.
数量	8,000	QUANTITY
納入者	ヒロセ電機(株)	SUPPLIER



- 7. PER REEL 8000 CONNECTORS.
- 8. THE DIMENTION IN PARENTHESIS 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.

<b>HRS</b>	DRAWING NO.	EDC3-347087-51
	PART NO.	BM20B(0.6)-10DP-0.4V(51)
	CODE NO.	CL684-9300-6-51
		3/3