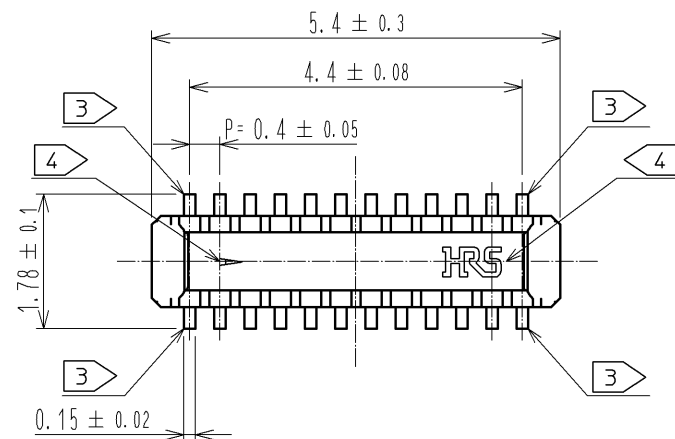
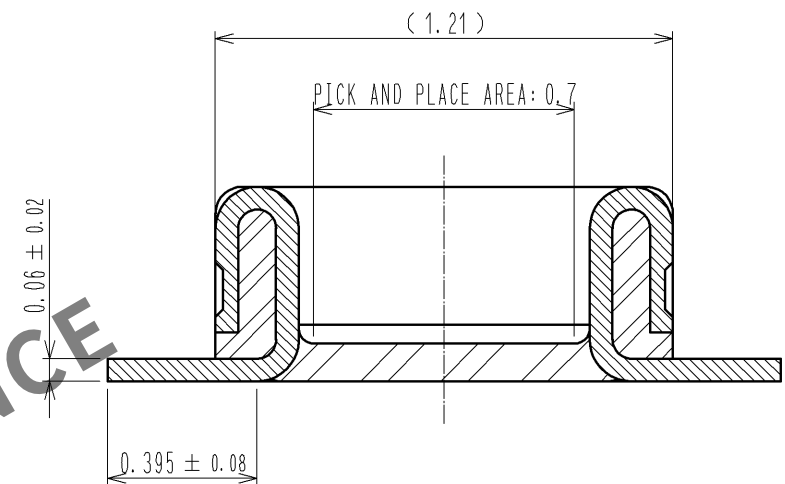
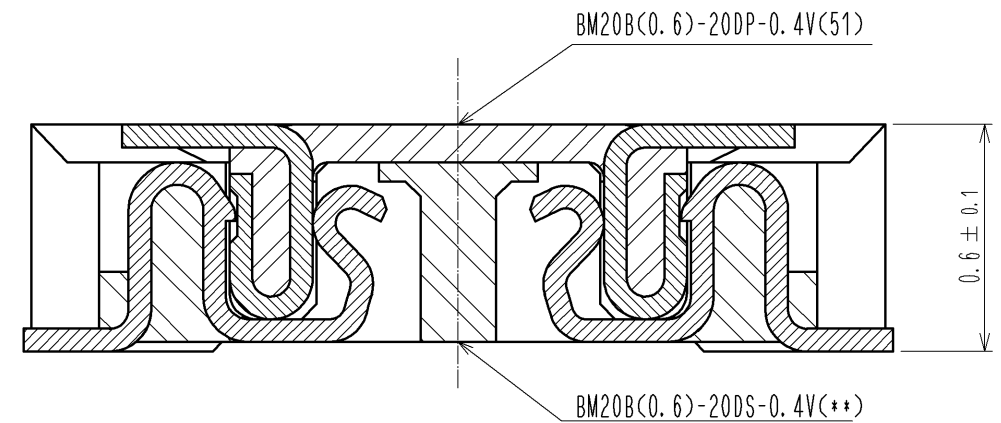


- NOTE 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
2. CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05μm MIN
SMT LEAD : GOLD 0.05μm MIN
UNDER PLATING : NICKEL 1μm MIN
(SURFACE : SEALING)
3. EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS.
4. HRS MARK AND CAV No. ARE INDICATED IN APPROX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

A-A (50:1)



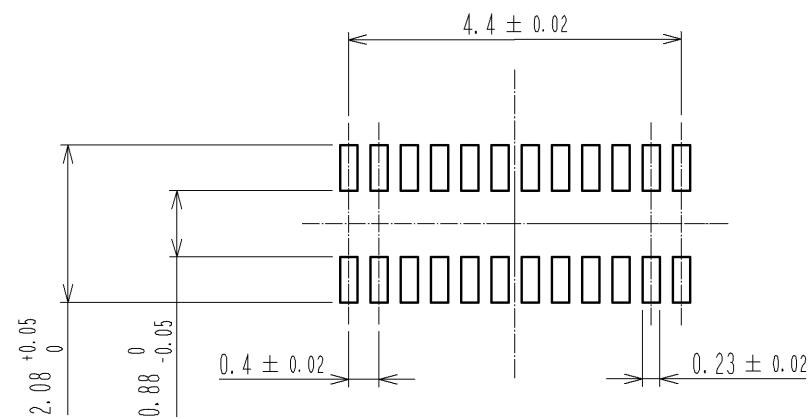
ENGAGEMENT FIGURE (50:1)



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	

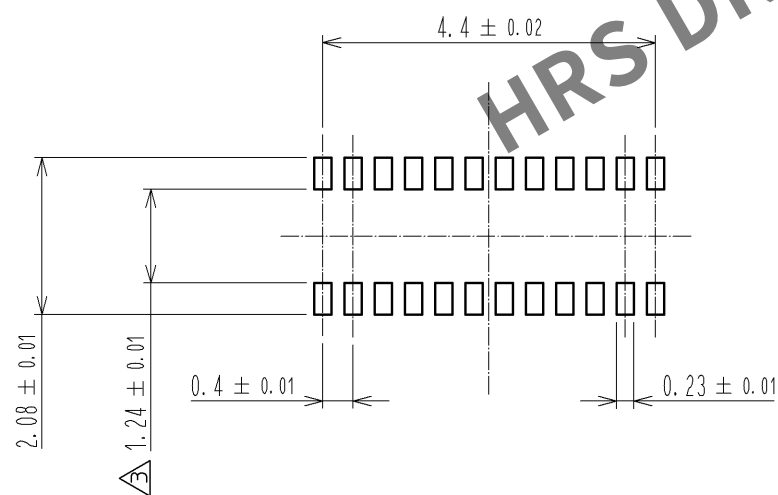
UNITS mm		SCALE 10 : 1		COUNT 1	DESCRIPTION OF REVISIONS DIS-H-008208	DESIGNED KR. AJITO	CHECKED TS. MIYAZAKI	DATE 13. 10. 09
 HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA		12. 11. 19	DRAWING NO. EDC3-347088-01			
		CHECKED : WR. FUKUCHI		12. 11. 19	PART NO. BM20B(0.6)-20DP-0.4V(51)			
		DESIGNED : RT. SHIMIZU		12. 11. 19	CODE NO. CL684-9301-9-51			
		DRAWN : YS. YAMAZAKI		12. 11. 17	  			

◆ RECOMMENDED PCB LAYOUT

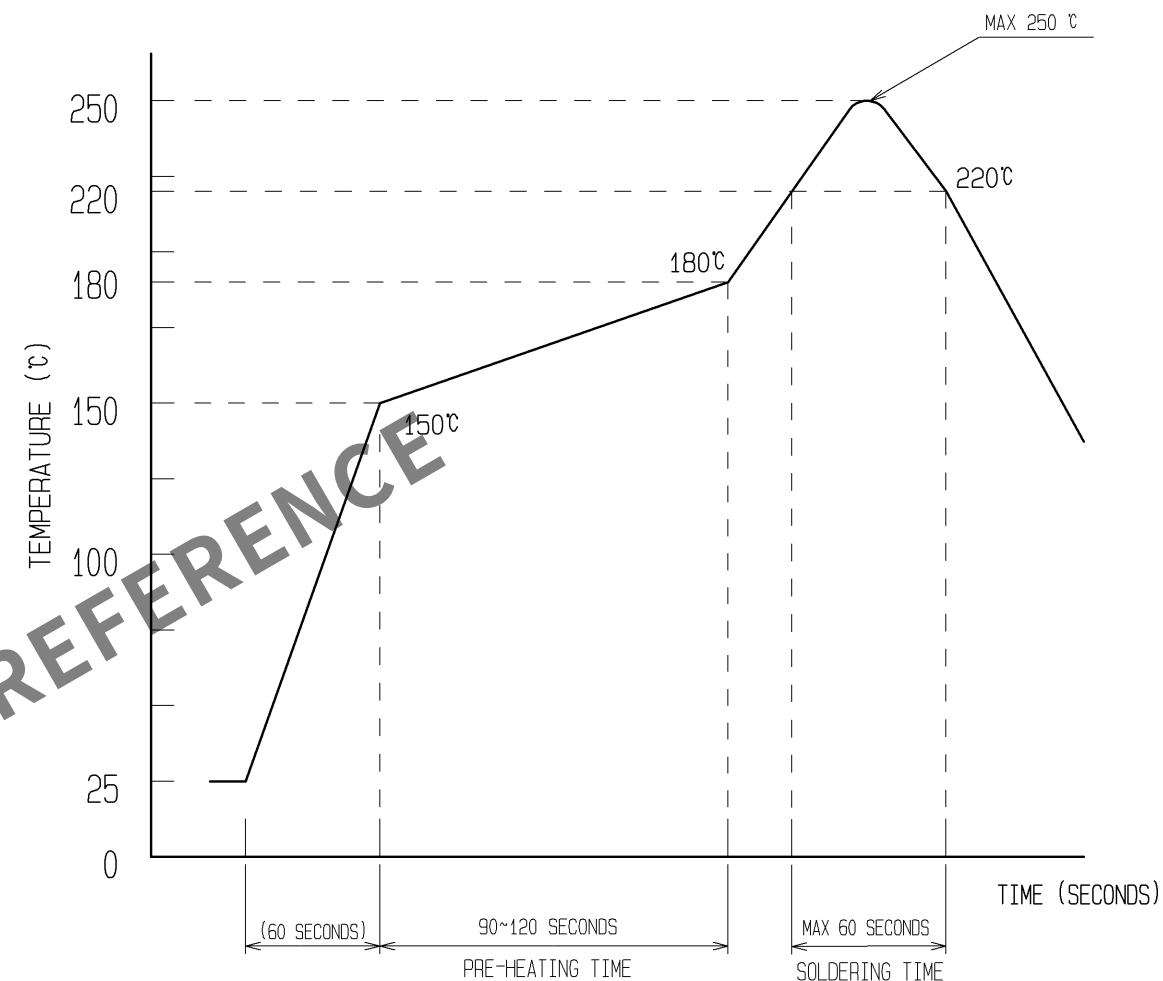


◆ RECOMMENDED METAL MASK DIMENSIONS

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.

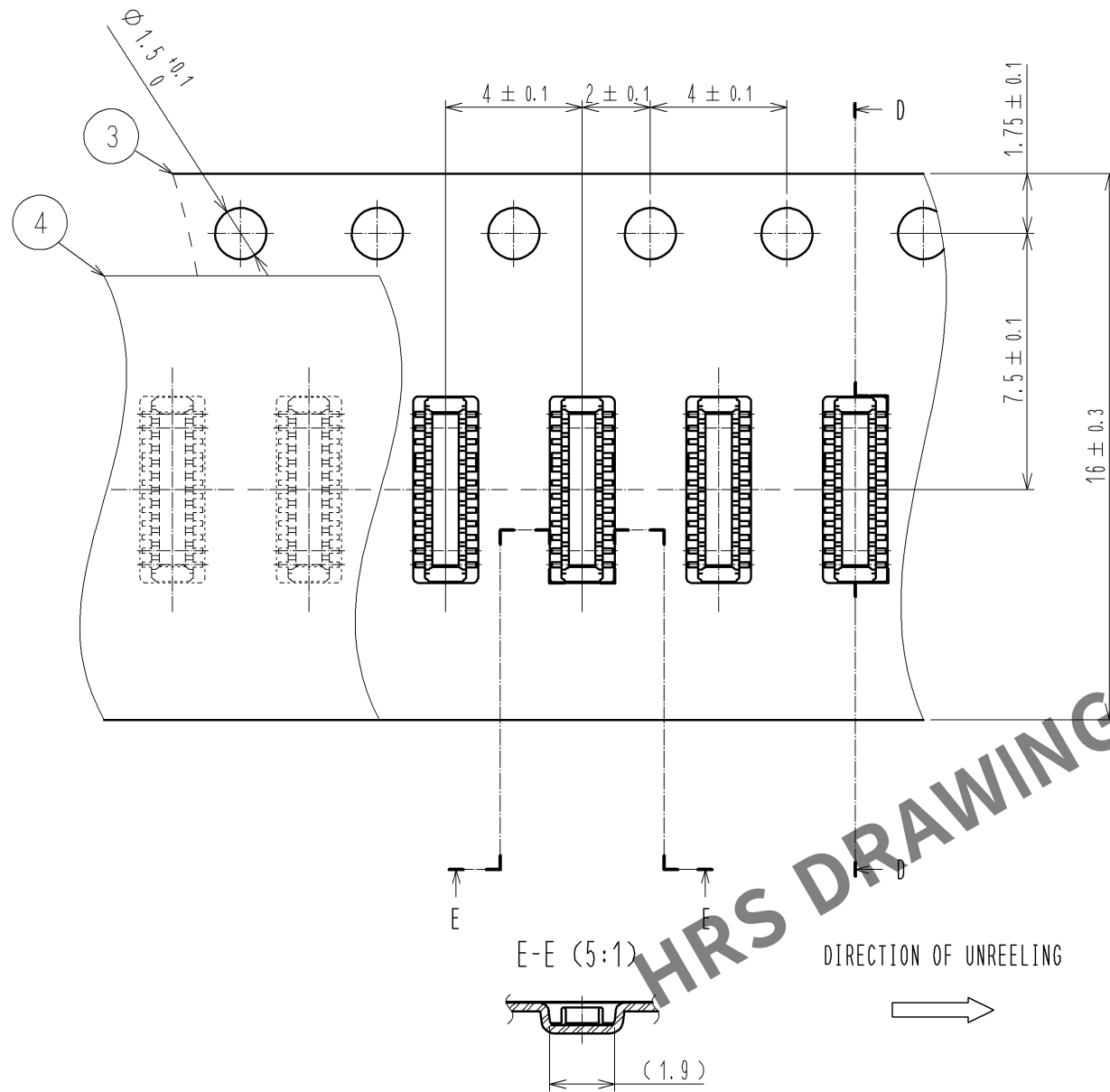
HRS

DRAWING NO.	EDC3-347088-01
PART NO.	BM20B<0.6>-20DP-0.4V<51>
CODE NO.	CL684-9301-9-51

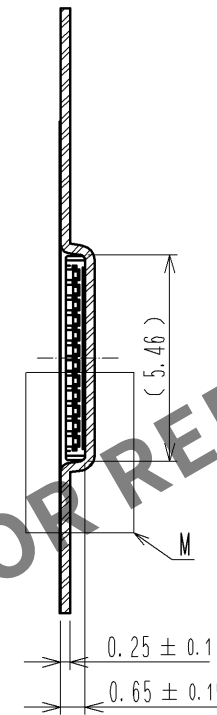
3/2

EMBOSSED CARRIER TAPE PACKAGING (5:1)

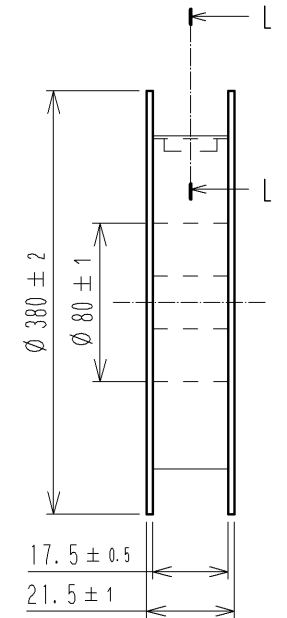
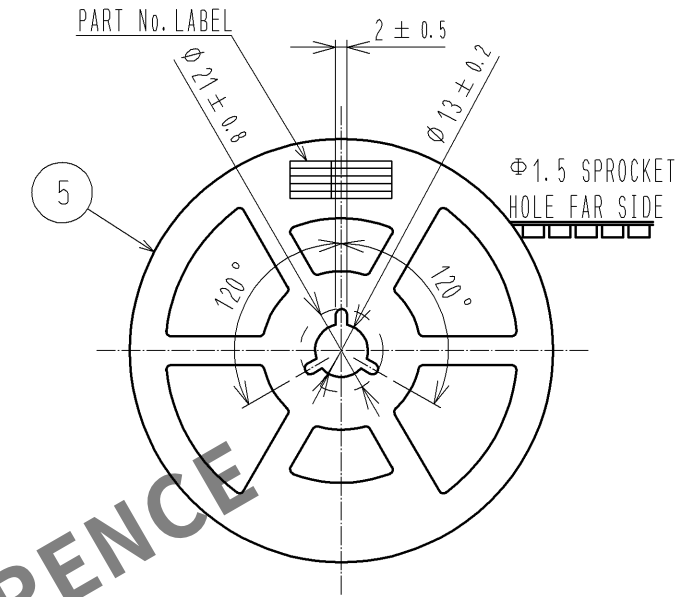
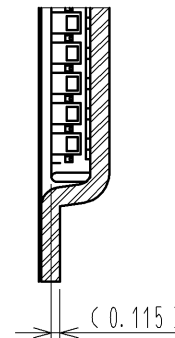
STYLE AND DIMENTION OF REEL (FREE)



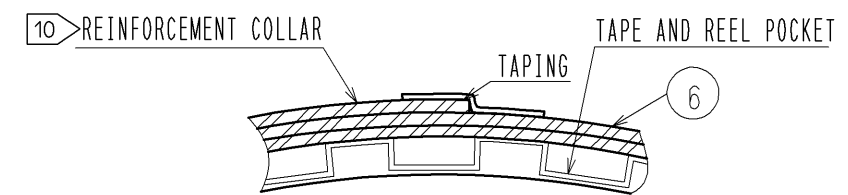
D-D (5:1)



M (10:1)



L-L (FREE)



DETAIL OF PART No. LABEL

製造年月日	** ** *
製品コード	CL684-9301-9-51
製品名	BM20B(0.6)-20DP-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 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.

HRS

DRAWING NO.	EDC3-347088-01
PART NO.	BM20B(0.6)-20DP-0.4V(51)
CODE NO.	CL684-9301-9-51