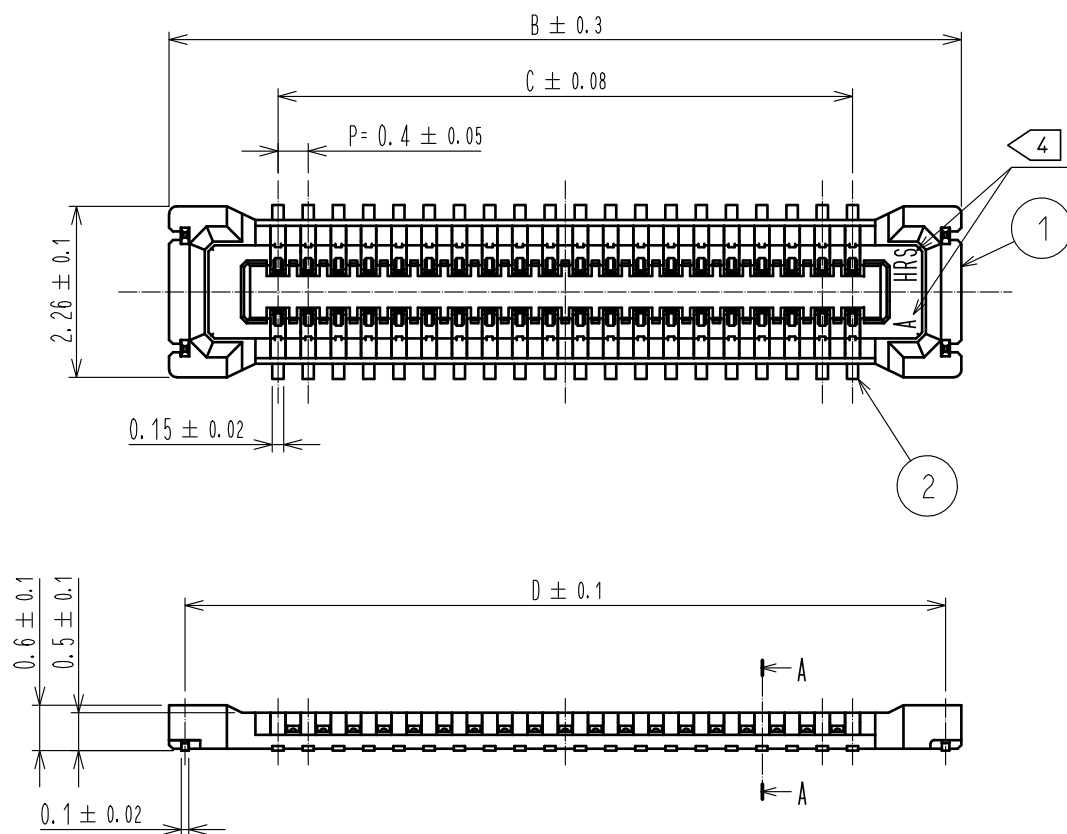
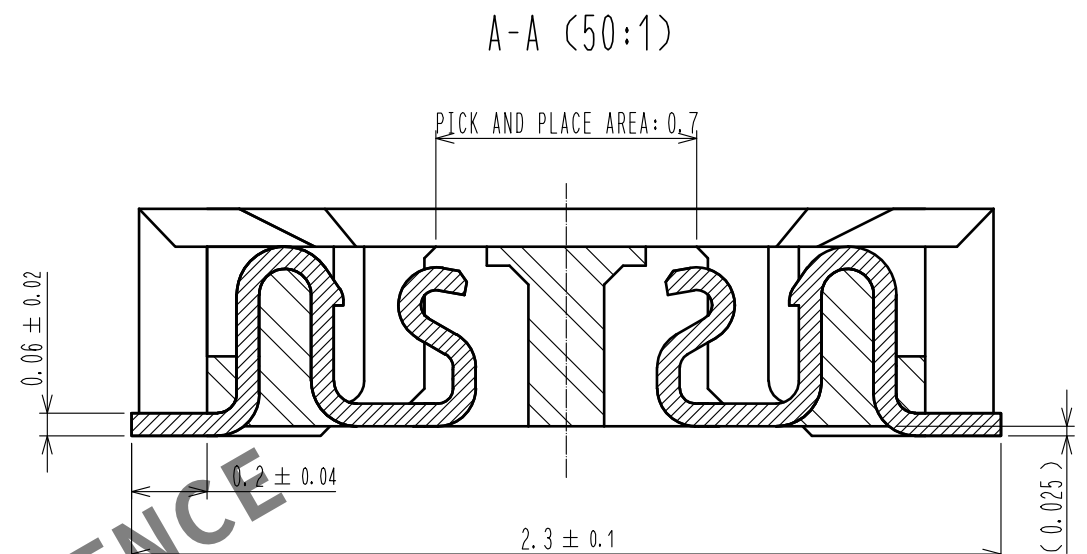


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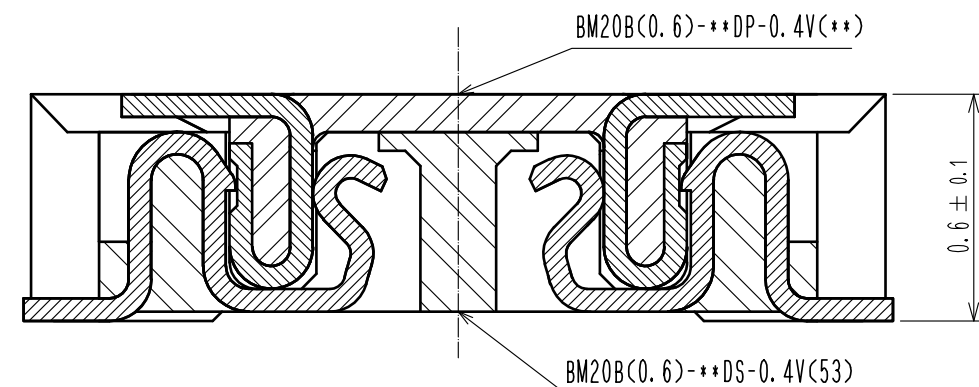


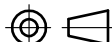
PART No.	CODE No.	B	C	D
BM20B(0.6)-10DS-0.4V(53)	CL0684-9308-8-53	4.48	2.6	4.06
BM20B(0.6)-20DS-0.4V(53)	CL0684-9309-0-53	6.48	3.6	6.06
BM20B(0.6)-24DS-0.4V(53)	CL0684-9310-0-53	7.28	4.4	6.86
BM20B(0.6)-30DS-0.4V(53)	CL0684-9311-2-53	8.48	5.6	8.06
BM20B(0.6)-34DS-0.4V(53)	CL0684-9312-5-53	9.28	6.4	8.86
BM20B(0.6)-40DS-0.4V(53)	CL0684-9313-8-53	10.48	7.6	10.06
BM20B(0.6)-50DS-0.4V(53)	CL0684-9314-0-53	12.48	9.6	12.06

- 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. METAL FITTING PLATING SPECIFICATIONS
SMT LEAD : GOLD 0.05 μ m MIN
UNDERPLATING : NICKEL 1 μ m MIN
(SURFACE : SEALING)
4. HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.
5. GATE POSITION IS INDICATED IN APPROX. POSITION SHOWN.

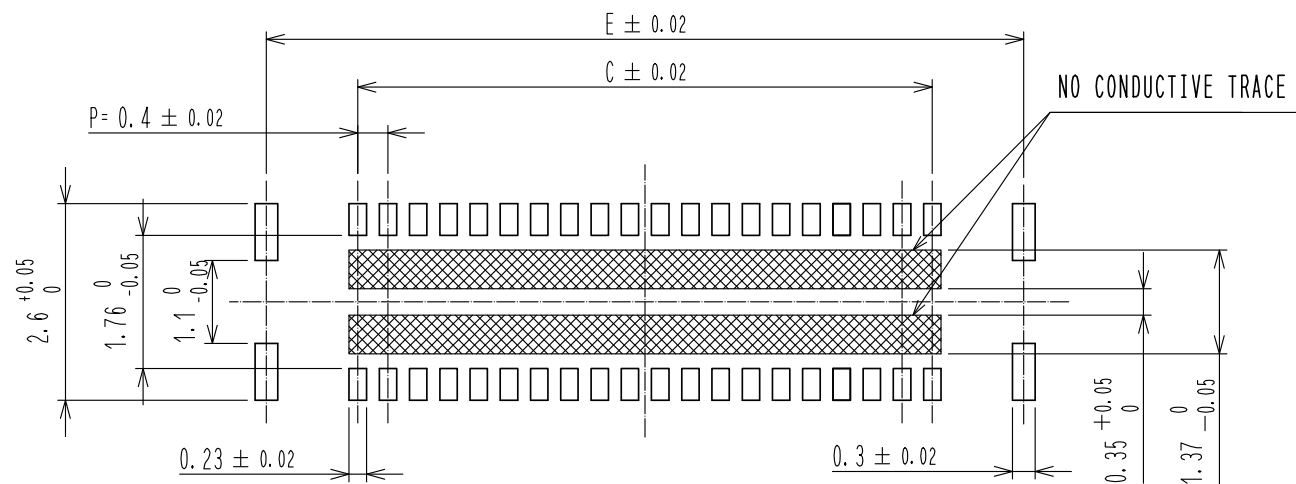


ENGAGEMENT FIGURE (50:1)



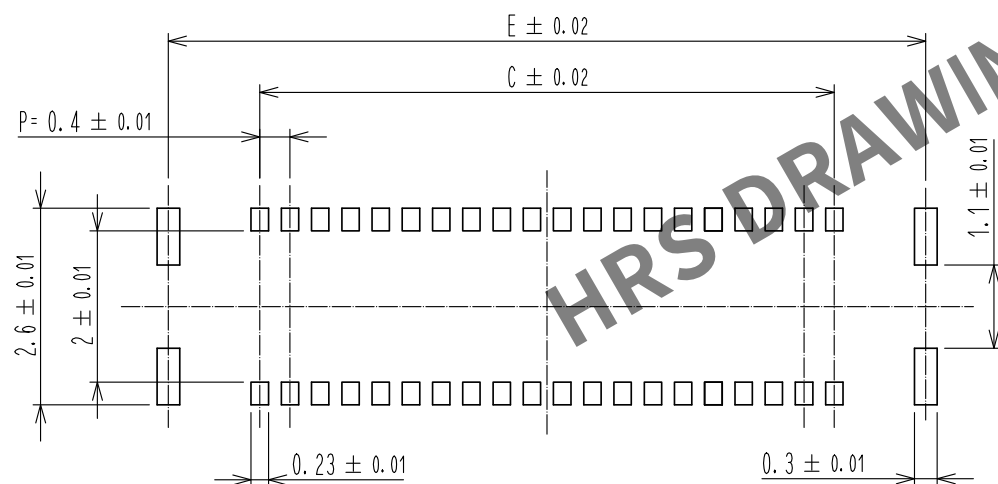
4	PS	CLEAR (EMBOSSED CARRIER TAPE)		7	PS	CLEAR (REINFORCEMENT COLLAR)		
3	BRASS	3		6	PS	BLACK (PLASTIC REEL)		
2	PHOSPHOR BRONZE	2		5	POLYESTER	CLEAR (COVER TAPE)		
1	LCP	UL94 V-0, BLACK						
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS		
UNITS mm		SCALE 10 : 1	COUNT △	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED	・MO. ISHIDA	15.04.21	DRAWING NO. EDC-351136-53-01			
		CHECKED	・TS. MIYAZAKI	15.04.21	PART NO. BM20B<0.6>-*DS-0.4V<53>			
		DESIGNED	・RT. SHIMIZU	15.04.21	CODE NO. CL684			
		DRAWN	・KR. AJITO	15.04.10	△ 1/3			

7 RECOMMENDED PCB LAYOUT



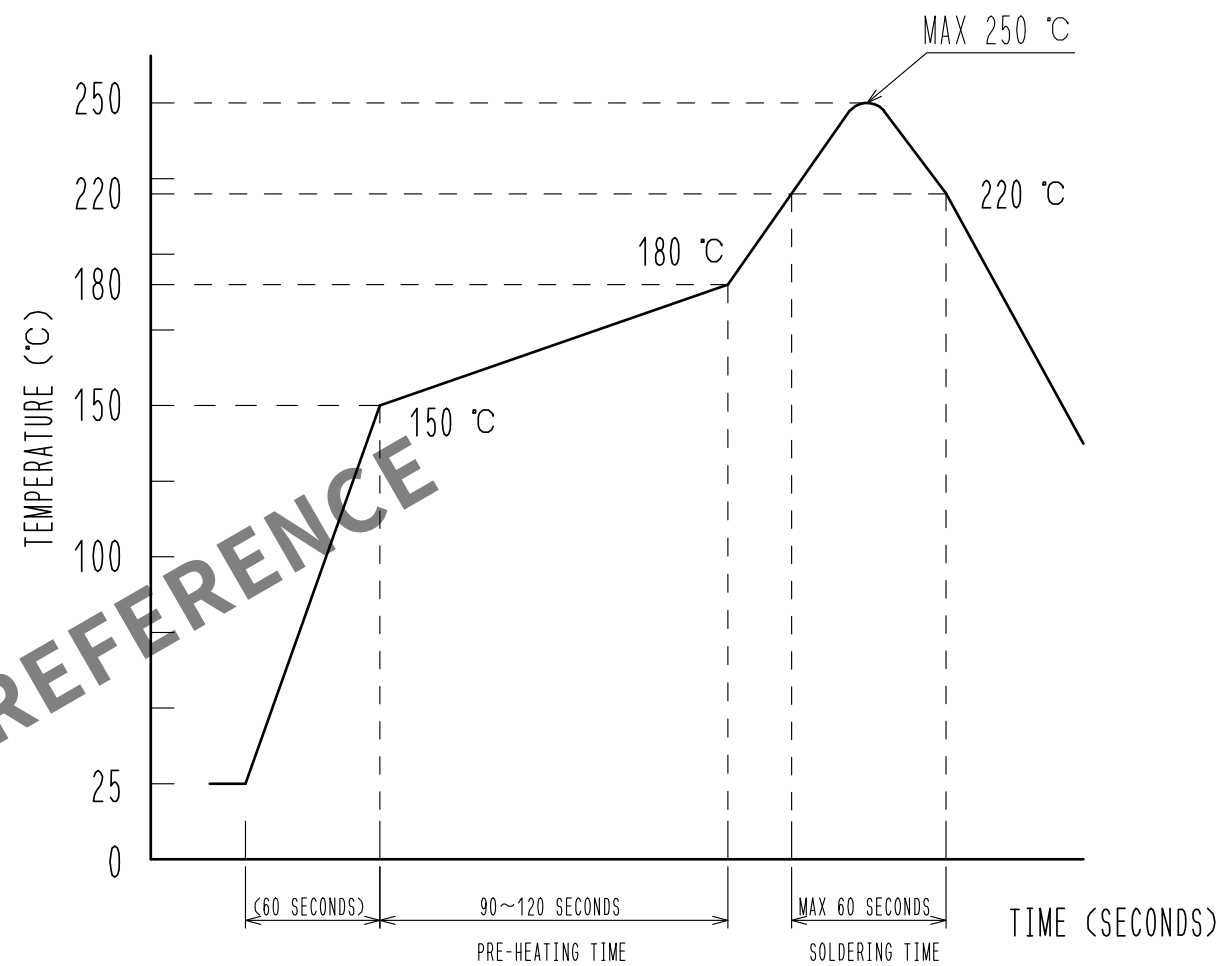
RECOMMENDED METAL MASK DIMENSIONS

MATAL MASK THICKNESS : $100\mu m$



PART No.	C	E
BM20B(0.6)-10DS-0.4V(53)	1.6	4.02
BM20B(0.6)-20DS-0.4V(53)	3.6	6.02
BM20B(0.6)-24DS-0.4V(53)	4.4	6.82
BM20B(0.6)-30DS-0.4V(53)	5.6	8.02
BM20B(0.6)-34DS-0.4V(53)	6.4	8.82
BM20B(0.6)-40DS-0.4V(53)	7.6	10.02
BM20B(0.6)-50DS-0.4V(53)	9.6	12.02

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



REFLOW METHOD : IR REFLOW

NUMBER OF REFLOW CYCLES : 2 CYCLES MAX.

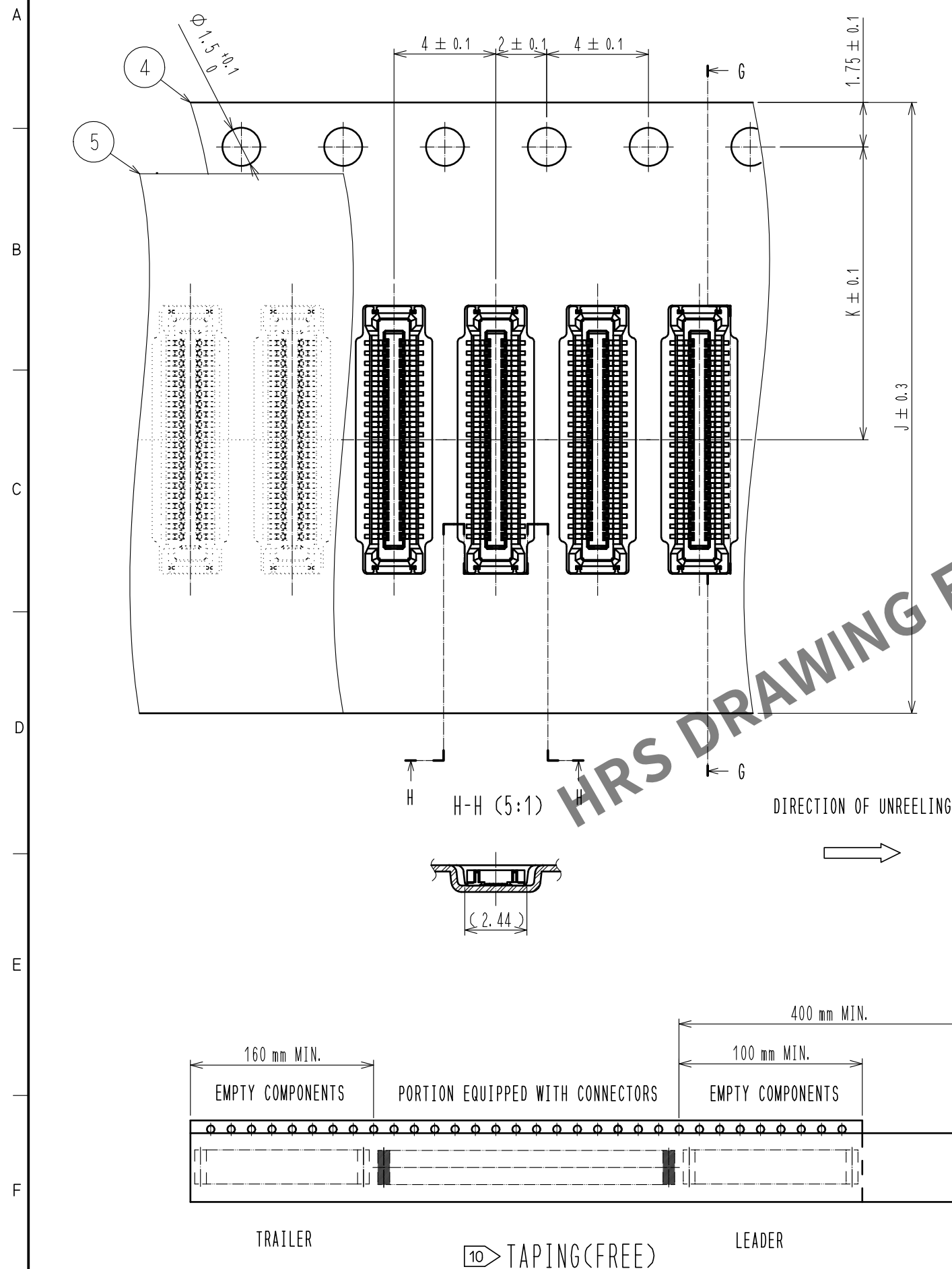
- | | |
|----------------------------------|---------------------------------|
| 1) REFLOW TIME | 2) PRE-HEAT TIME |
| DURATION ABOVE 220℃, 60 SEC MAX. | PRE-HEAT TEMPERATURE(MIN): 150℃ |
| (PEAK TEMPERATURE : 250℃ MAX) | PRE-HEAT TEMPERATURE(MAX): 180℃ |
| | PRE-HEAT TIME: 90-120 SEC. |

6. THE 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.

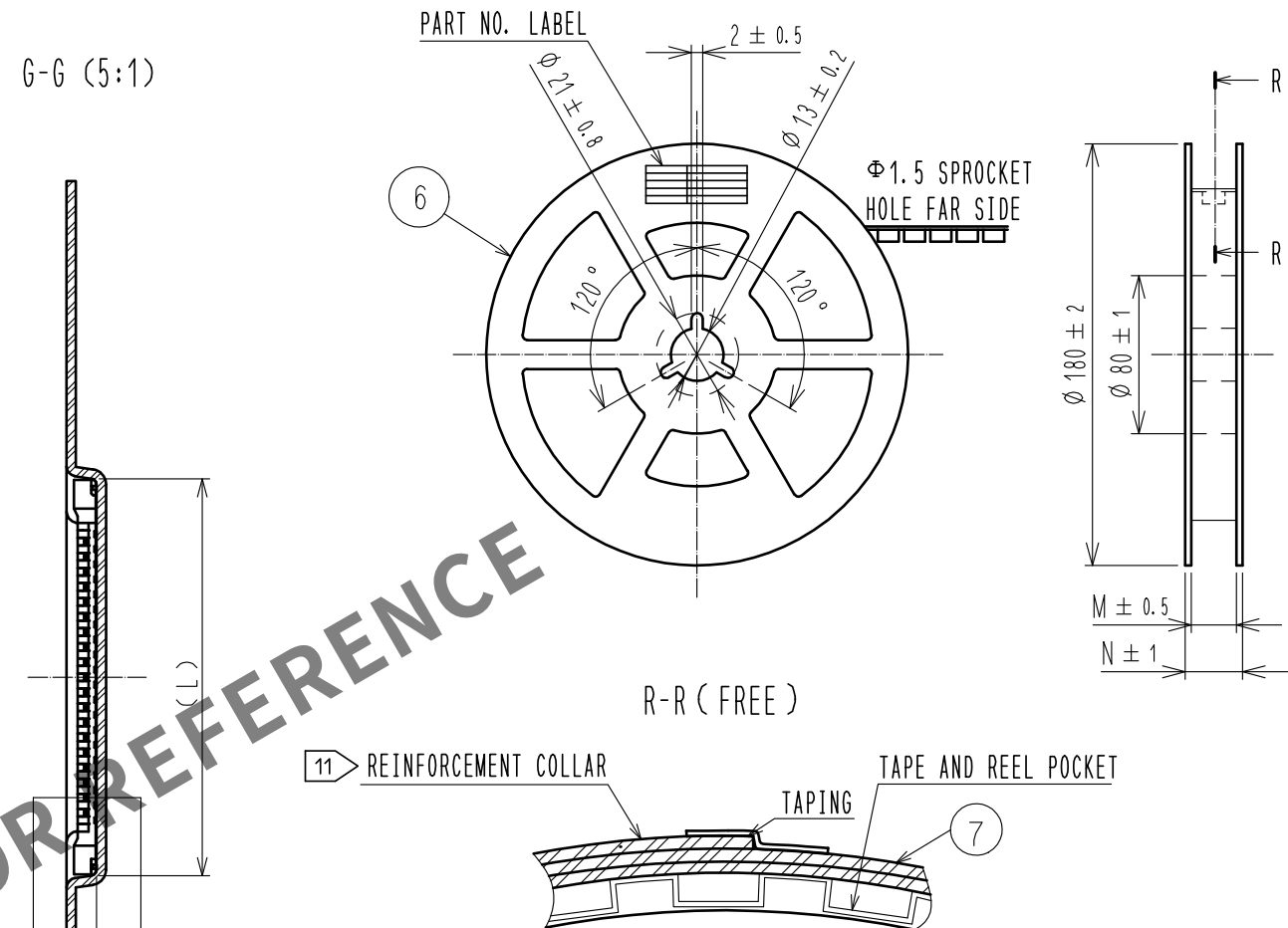
7. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

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EMBOSSED CARRIER TAPE PACKAGING (5:1)



STYLE AND DIMENTION OF REEL (FREE)



DETAIL OF PART NO. LABEL

製造年月日	** ** *
製品コード	CL0684-****-(53)
製品名	BM20B(0.6)-*DS-0.4V(53)
数量	1,000
納入者	ヒロセ電機(株)

DATA OF MANUFACTURED
CODE NO.
PART NO.
QUANTITY
SUPPLIER

PART No.	J	K	L	M	N
BM20B(0.6)-10DS-0.4V(53)	16	7.5	4.54	17.5	21.5
BM20B(0.6)-20DS-0.4V(53)	16	7.5	6.54	17.5	21.5
BM20B(0.6)-24DS-0.4V(53)	16	7.5	7.34	17.5	21.5
BM20B(0.6)-30DS-0.4V(53)	24	11.5	8.54	25.5	29.5
BM20B(0.6)-34DS-0.4V(53)	24	11.5	9.34	25.5	29.5
BM20B(0.6)-40DS-0.4V(53)	24	11.5	10.54	25.5	29.5
BM20B(0.6)-50DS-0.4V(53)	24	11.5	12.54	25.5	29.5

- 8 . PER REEL 1,000 CONNECTORS.
9 . THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
10 . REFER TO JIS C 0806, IEC 60286-3(PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)
11 . 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.	EDC-351136-53-01
PART NO.	BM20B(0.6)-*DS-0.4V(53)
CODE NO.	CL684

3/3