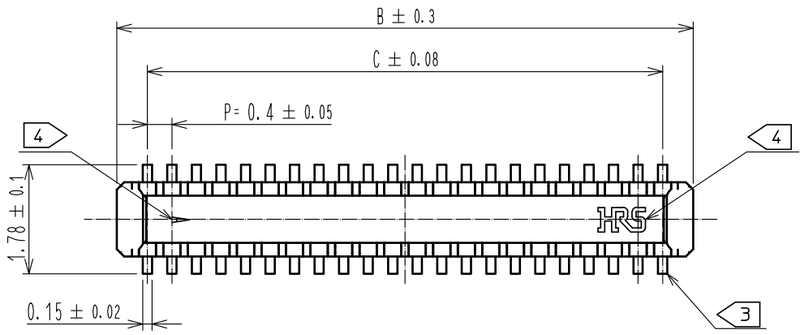
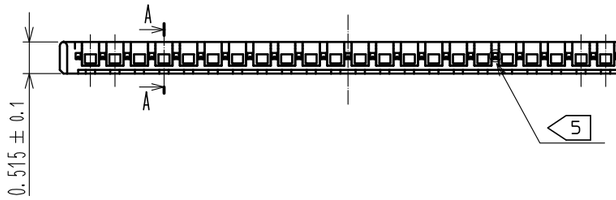
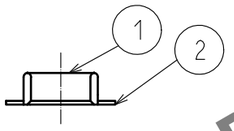
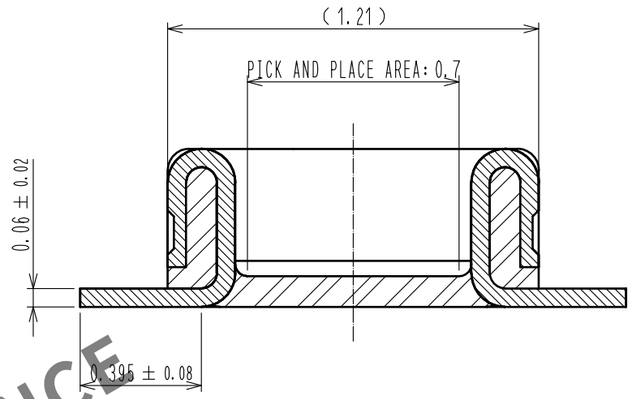
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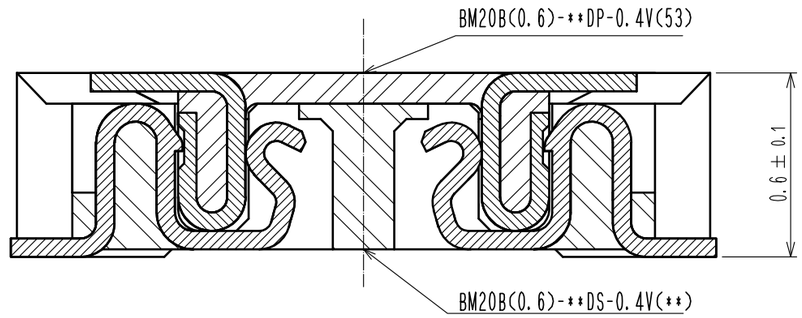


A-A (50:1)



HRS DRAWING FOR REFERENCE

ENGAGEMENT FIGURE (50:1)



PART No.	CODE No.	B	C
BM20B(0.6)-10DP-0.4V(53)	CL0684-9300-6-53	3.4	2.4
BM20B(0.6)-20DP-0.4V(53)	CL0684-9301-9-53	5.4	4.4
BM20B(0.6)-24DP-0.4V(53)	CL0684-9302-1-53	6.2	5.2
BM20B(0.6)-30DP-0.4V(53)	CL0684-9303-4-53	7.4	6.4
BM20B(0.6)-34DP-0.4V(53)	CL0684-9304-7-53	8.2	7.2
BM20B(0.6)-40DP-0.4V(53)	CL0684-9305-0-53	9.4	8.4
BM20B(0.6)-50DP-0.4V(53)	CL0684-9306-2-53	11.4	10.4

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.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
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)

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	10 : 1		0				

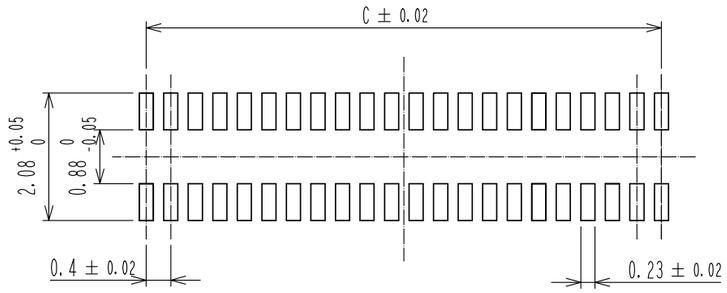
HIROSE ELECTRIC CO., LTD.

APPROVED	MO. ISHIDA	15. 04. 21
CHECKED	TS. MIYAZAKI	15. 04. 21
DESIGNED	RT. SHIMIZU	15. 04. 21
DRAWN	KR. AJITO	15. 04. 10

DRAWING NO.	EDC-351137-53-01
PART NO.	BM20B(0.6)-*DP-0.4V(53)
CODE NO.	CL684

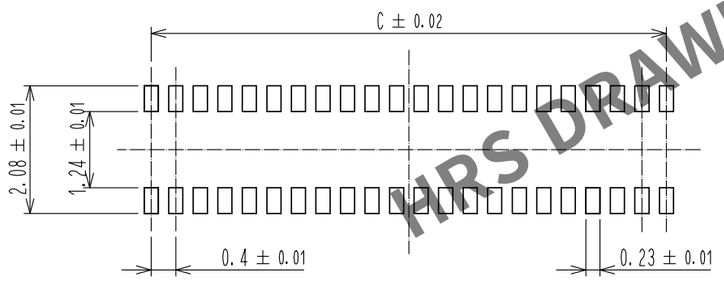
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7 ◈RECOMMENDED PCB LAYOUT



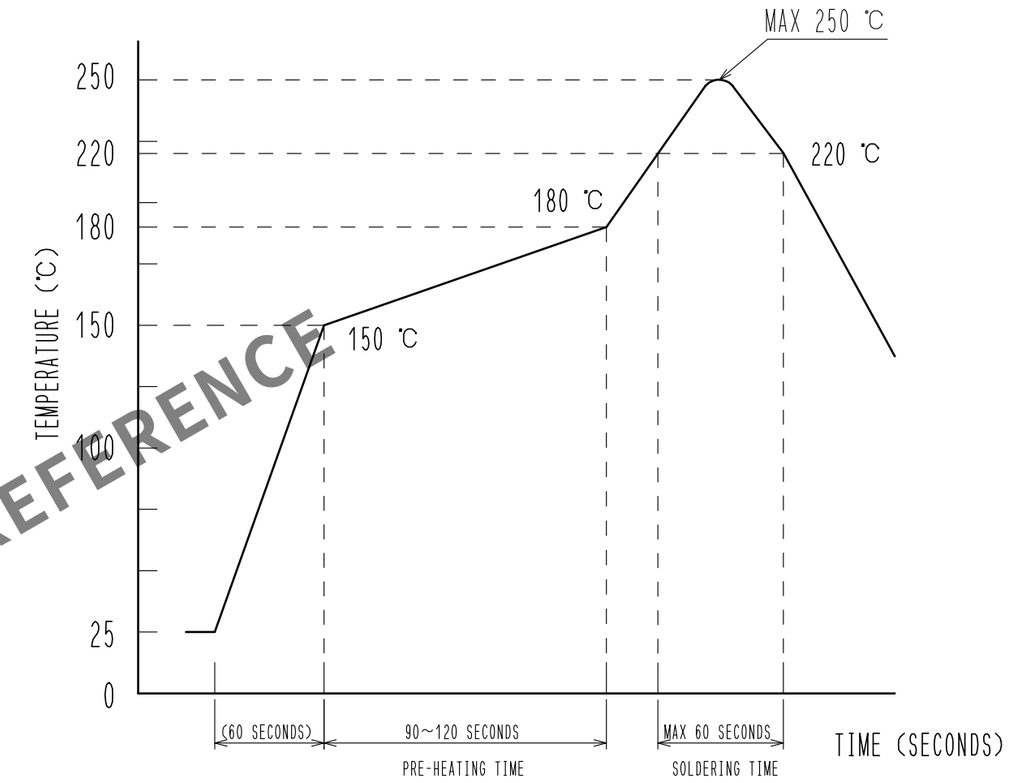
◈RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : 100μm



PART No.	C
BM20B(0.6)-10DP-0.4V(53)	2.4
BM20B(0.6)-20DP-0.4V(53)	4.4
BM20B(0.6)-24DP-0.4V(53)	5.2
BM20B(0.6)-30DP-0.4V(53)	6.4
BM20B(0.6)-34DP-0.4V(53)	7.2
BM20B(0.6)-40DP-0.4V(53)	8.4
BM20B(0.6)-50DP-0.4V(53)	10.4

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℃, 60 SEC MAX.
(PEAK TEMPERATURE:250℃ MAX)
2)PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN):150℃
PRE-HEAT TEMPERATURE(MAX):180℃
PRE-HEAT TIME:90-120 SEC.

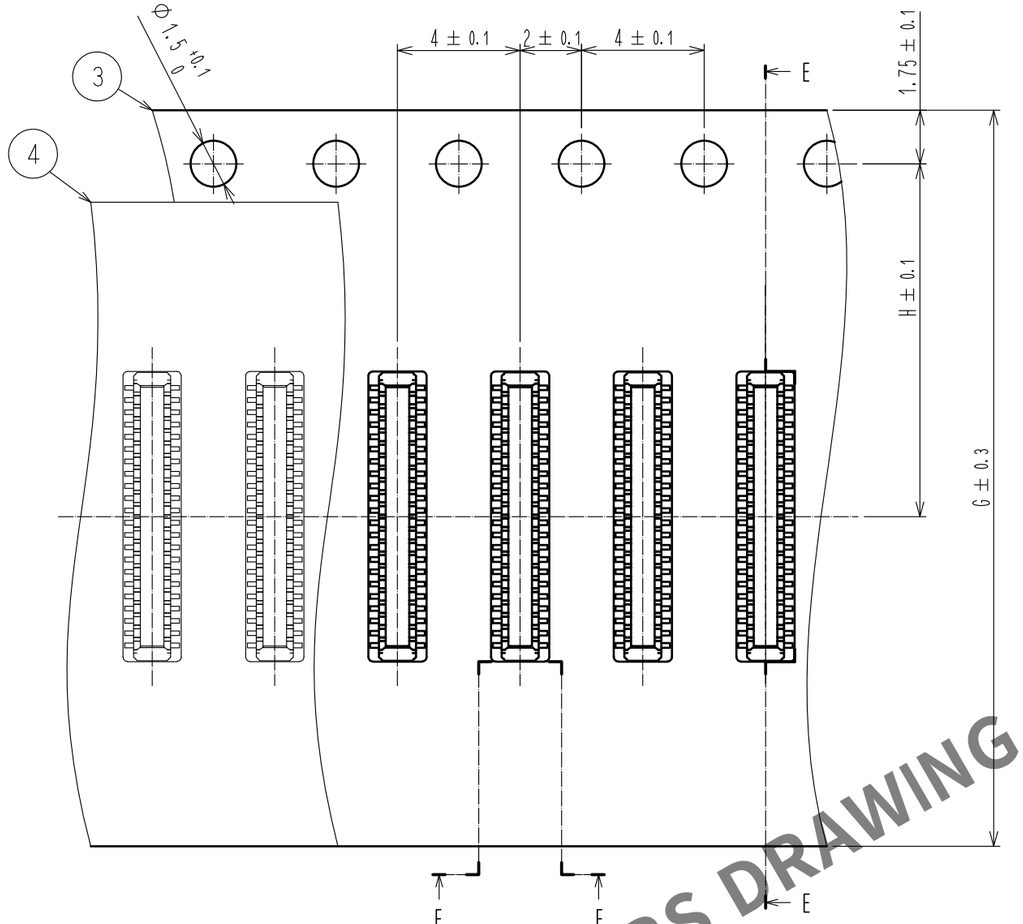
6. THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.
ADDISIONAL FACTORS. SUCH AS SOLDER PASTE TYPE, PCB SIZE AND
OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE,
A THOROUGH EVALUATION OF MOUNTING COONDITION IS REQUIRED
PRIOR TO PRODUCTION. TEPERATURE IS MEASURED AT CONTACT LEAD.
7. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

HRS DRAWING FOR REFERENCE

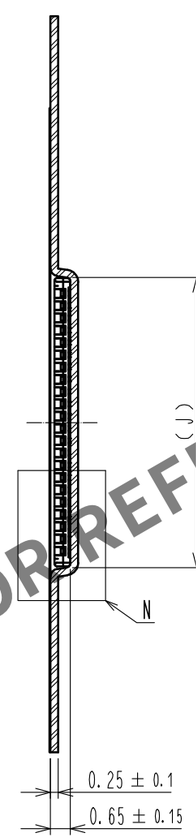
HRS	
DRAWING NO.	EDC-351137-53-01
PART NO.	BM20B(0.6)-*DP-0.4V(53)
CODE NO.	CL684
	0 2/3

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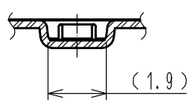
EMBOSSED CARRIER TAPE PACKAGING (5:1)



E-E (5:1)

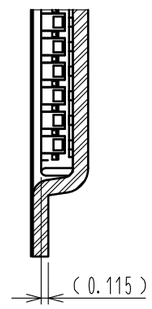


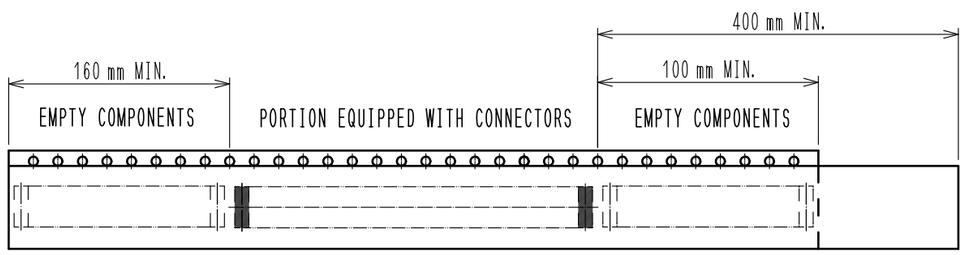
F-F (5:1)



DIRECTION OF UNREELING

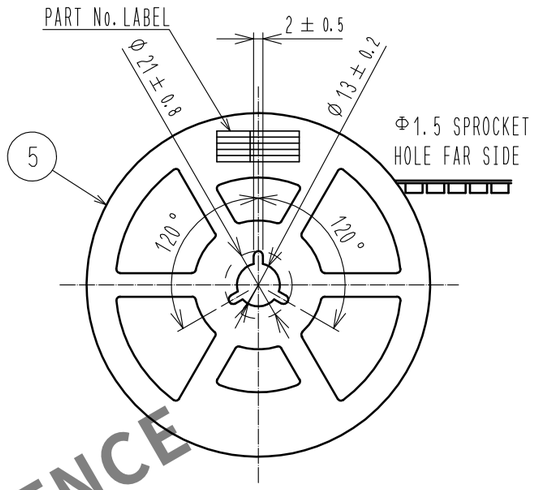
N (10:1)



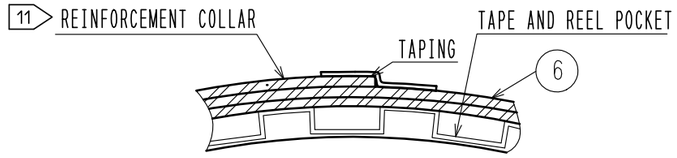


10 TAPING(FREE)

STYLE AND DIMENTION OF REEL (FREE)



M-M (FREE)



DETAIL OF PART No. LABEL

製造年月日	** ** **	DATE OF MANUFACTURED
製品コード	CL0684-****-**-(53)	CODE No.
製品名	BM20B(0.6)-*DP-0.4V(53)	PART No.
数量	1,000	QUANTITY
納入者	ヒロセ電機(株)	SUPPLIER

PART No.	G	H	J	K	L
BM20B(0.6)-10DP-0.4V(53)	12	5.5	3.46	13.5	17.5
BM20B(0.6)-20DP-0.4V(53)	16	7.5	5.46	17.5	21.5
BM20B(0.6)-24DP-0.4V(53)	16	7.5	6.26	17.5	21.5
BM20B(0.6)-30DP-0.4V(53)	16	7.5	7.46	17.5	21.5
BM20B(0.6)-34DP-0.4V(53)	24	11.5	8.26	25.5	29.5
BM20B(0.6)-40DP-0.4V(53)	24	11.5	9.46	25.5	29.5
BM20B(0.6)-50DP-0.4V(53)	24	11.5	11.46	25.5	29.5

8 . PER REEL 1,000 CONNECTORS.
9 . THE DIMENTIONS IN PARENTHESES ARE FOR REFFERENCE.
10 . REFER TO JIS C 0806, IEC-30286-3(PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLIMG)
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 FOR REFERENCE

HRS	DRAWING NO.	EDC-351137-53-01
	PART NO.	BM20B(0.6)-*DP-0.4V(53)
	CODE NO.	CL684