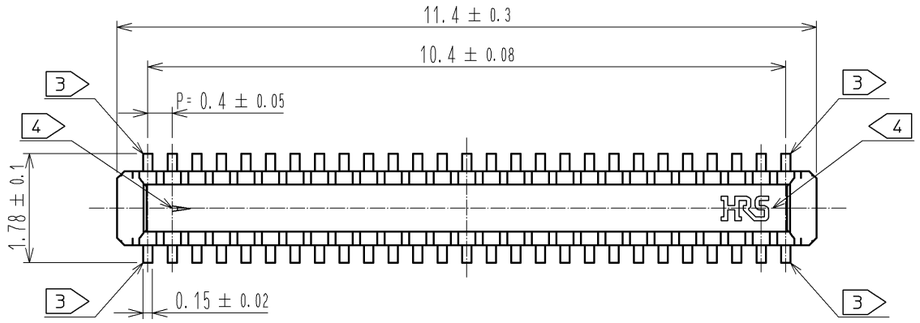
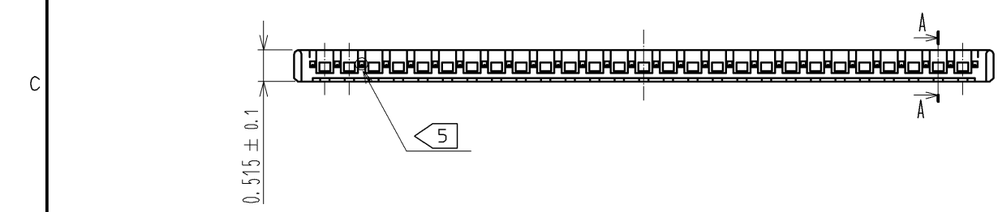
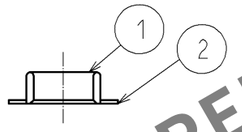
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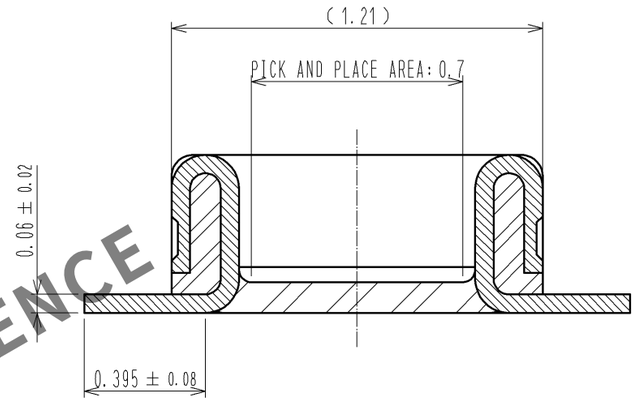
HRS DRAWING FOR REFERENCE





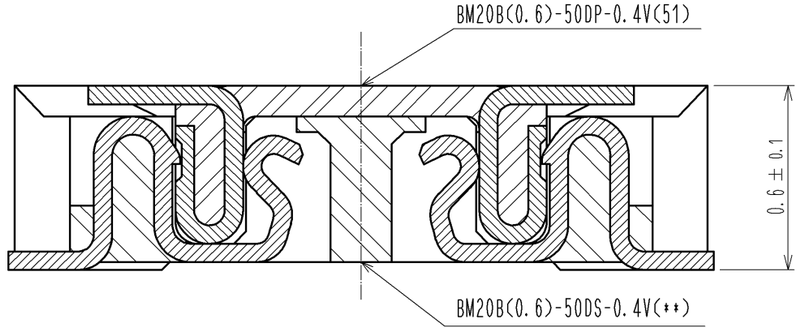


A-A (50:1)



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.

ENGAGEMENT FIGURE (50:1)



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	1	1	DIS-H-008208	KR. AJITO	TS. MIYAZAKI	13.10.09

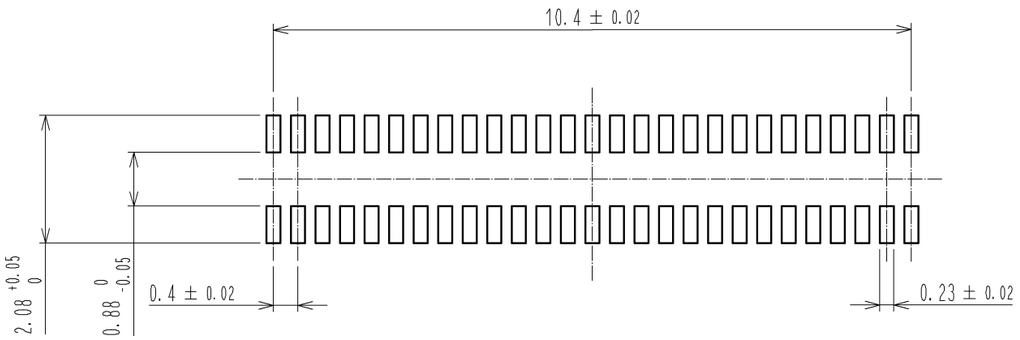
HIROSE ELECTRIC CO., LTD.

APPROVED	KH. IKEDA	13.08.07
CHECKED	TS. MIYAZAKI	13.08.07
DESIGNED	RT. SHIMIZU	13.08.07
DRAWN	KR. AJITO	13.08.07

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

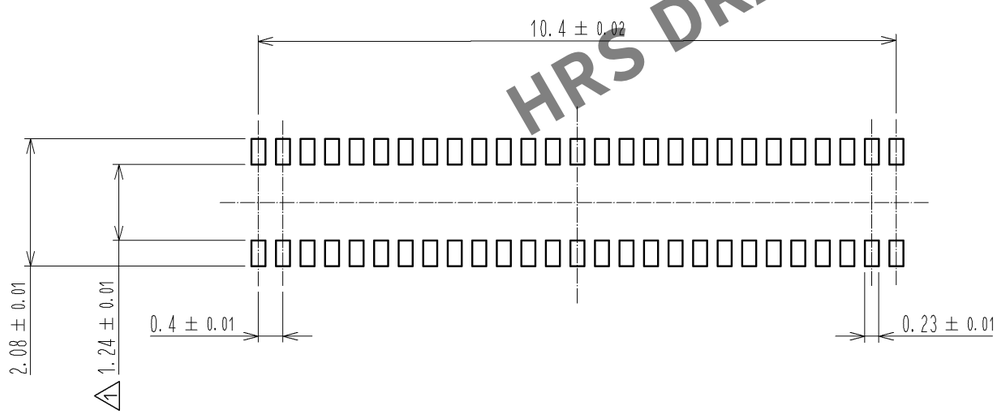
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◈RECOMMENDED PCB LAYOUT

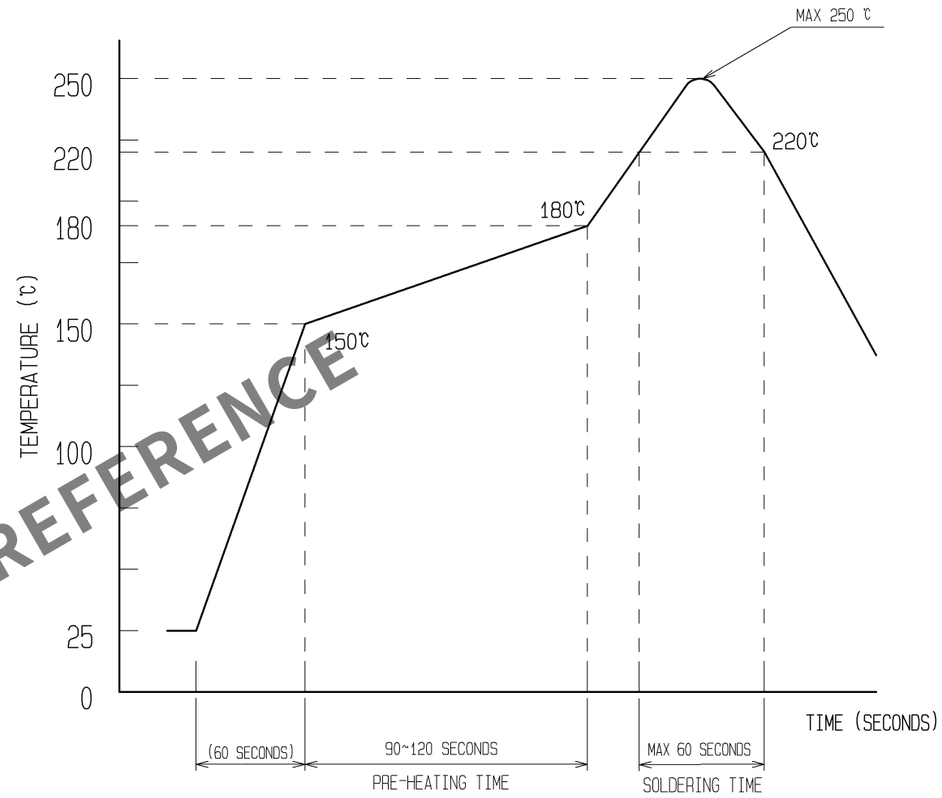


◈RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : 100μm



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.

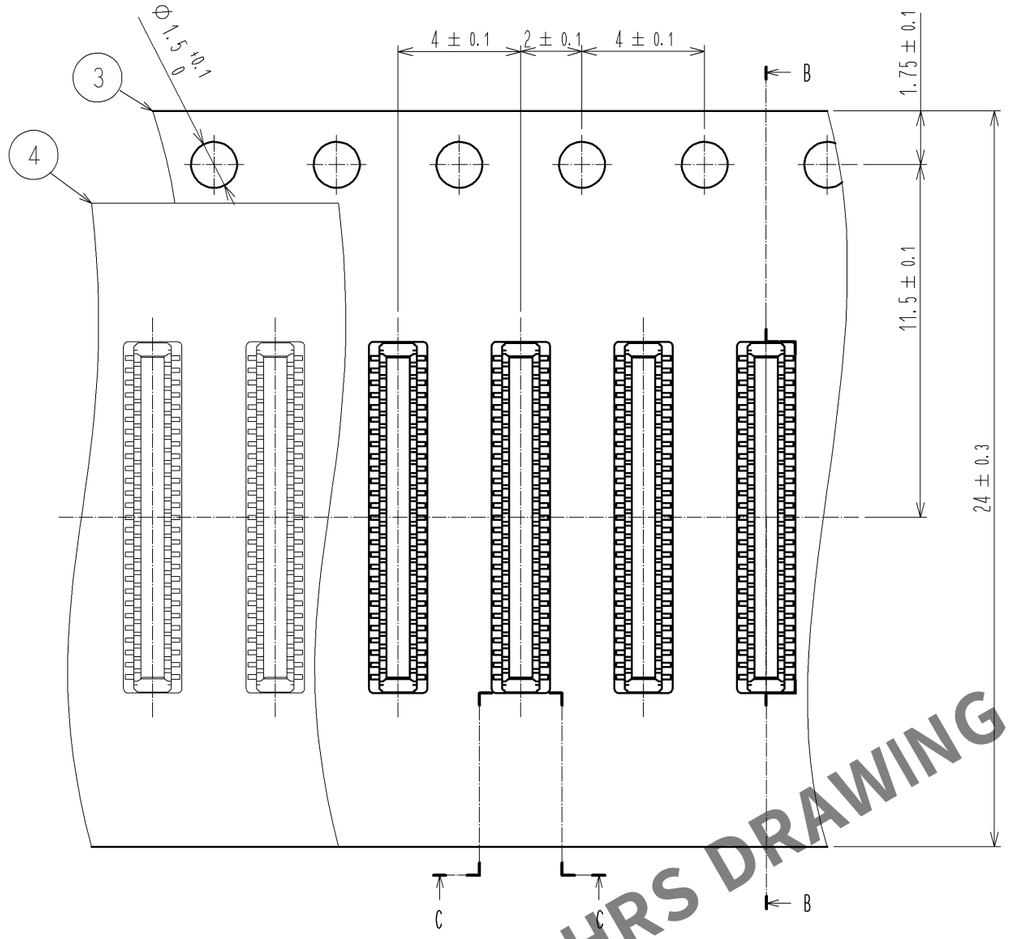
6 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDISIONAL FACTORS. SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS DRAWING FOR REFERENCE

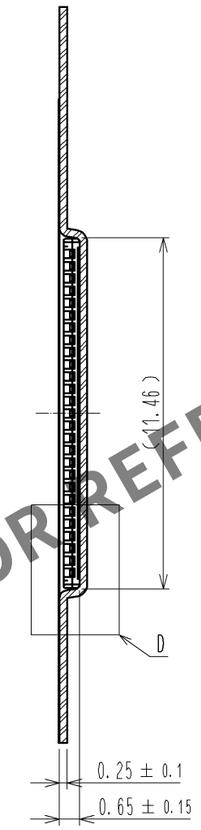
HRS	DRAWING NO.	EDC3-347093-01
	PART NO.	BM20B(0.6)-50DP-0.4V(51)
	CODE NO.	CL684-9306-2-51

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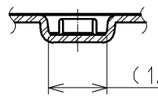
EMBOSSED CARRIER TAPE PACKAGING (5:1)



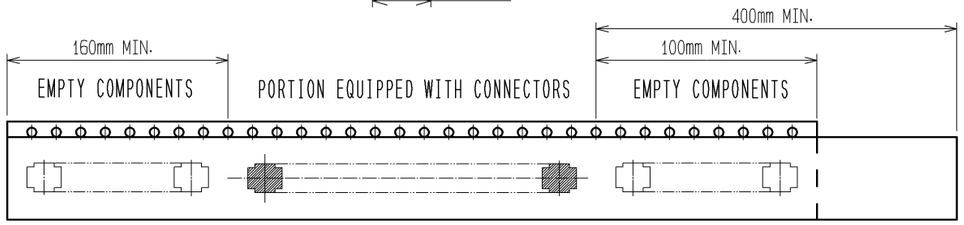
B-B (5:1)



C-C (5:1)

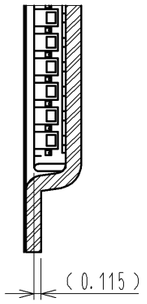


DIRECTION OF UNREELING

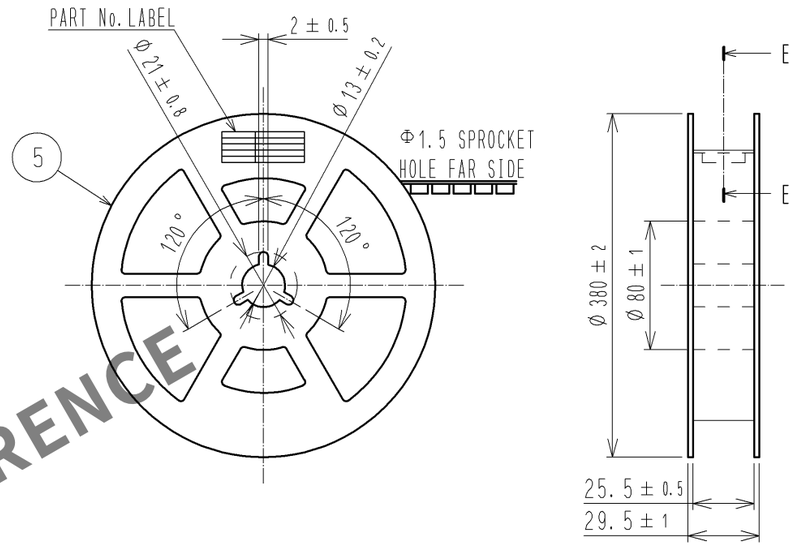


9 TAPING(FREE)

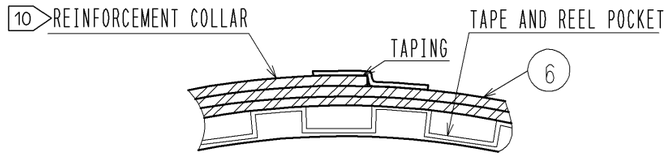
D (10:1)



STYLE AND DIMENTION OF REEL (FREE)



E-E (FREE)



DETAIL OF PART No. LABEL

製造年月日	** ** **	DATE OF MANUFACTURED
製品コード	CL684-9306-2-51	CODE No.
製品名	BM20B(0.6)-50DP-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 DIMENTIONS IN PARENTHESES ARE FOR REFFERENCE.
9. REFER TO JIS C 0806 (IEC 60286-3)(PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLIMG)
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 FOR REFERENCE

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

1 3/3