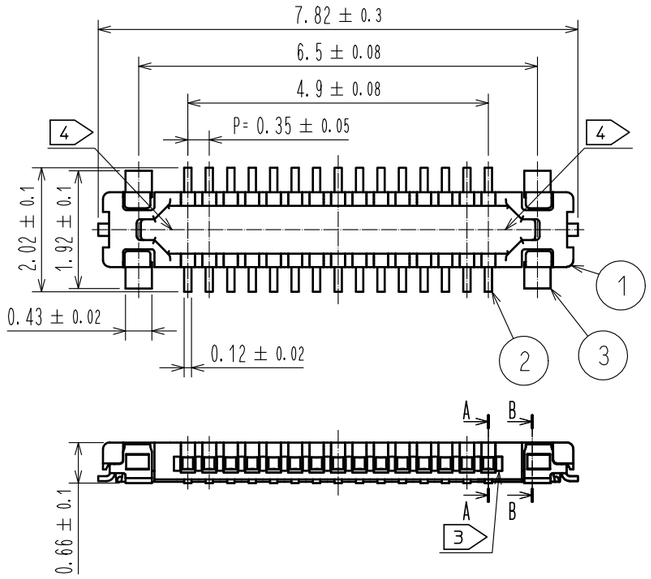
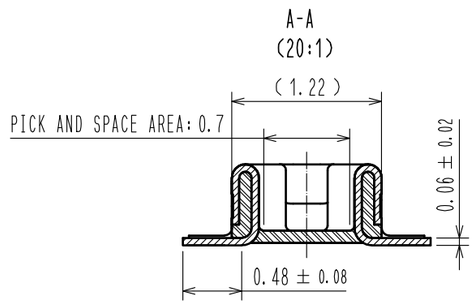
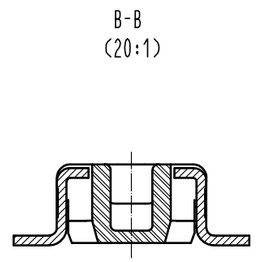
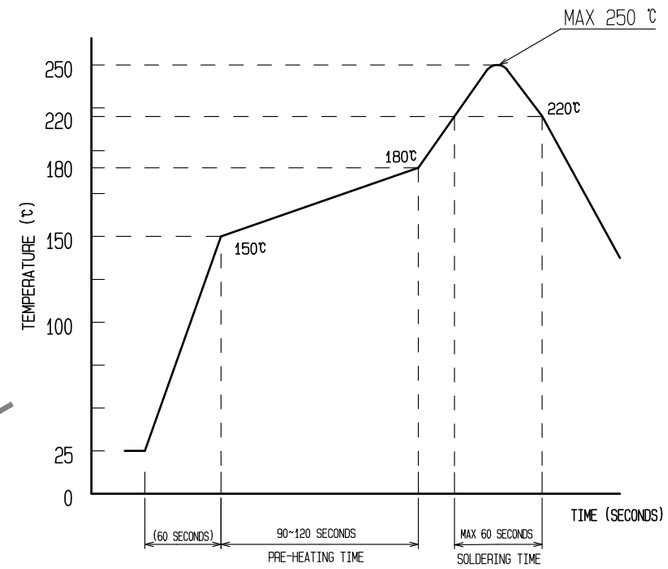






5 RECOMMENDED REFLOW TEMPERATURE PROFILE
USING LEAD-FREE SOLDER PASTE.

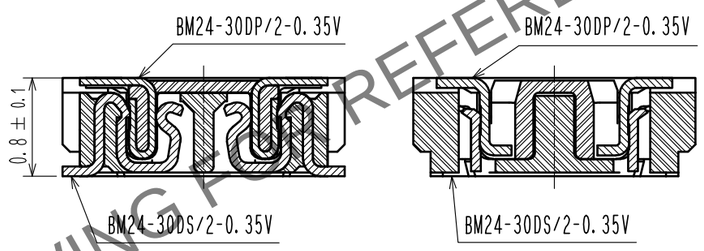


REFLOW METHOD:IR REFLOW
NUMBER OF REFLOW CYCLES:2 CYCLES MAX.
1)REFLOW TIME
DURATION ABOVE 220℃, 60 SEC MAX.
(PEAK TEMPERATURE:250℃ MAX)
2)PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN):150℃
PRE-HEAT TEMPERATURE(MAX):180℃
PRE-HEAT TIME:90-120 SEC.

5 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.

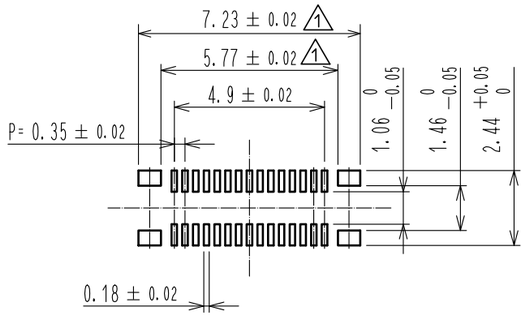
6. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

ENGAGEMENT FIGURE (20:1)

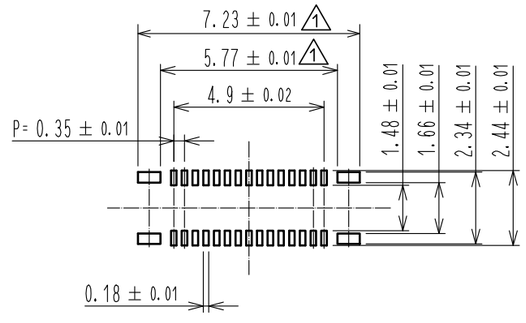


NOTE 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.
2 CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05μm MIN
SMT LEAD : GOLD 0.05μm MIN
UNDER PLATING : NICKEL 1μm MIN
(SURFACE : SEALING)
3 A PART OF THE WALL COULD BE NOTCHED.
4 HRS MARK AND CAV No. ARE INDICATED IN APPROX. POSITION SHOWN.

◆RECOMMENDED PCB LAYOUT



◆RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS : 100μm



NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
4	PS	CLEAR(EMBOSSED CARRIER TAPE)			
3	COPPER ALLOY	2	7	PS	CLEAR (REINFORCEMENT COLLAR)
2	PHOSPHOR BRONZE	2	6	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	5	POLYESTER	CLEAR (COVER TAPE)

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	10 : 1	1	4	DIS-H-00001151	NY. YAMASHIRO	TS. MIYAZAKI	15.12.03

HIROSE ELECTRIC CO., LTD.

APPROVED	KH. IKEDA	14.04.04	DRAWING NO. EDC3-356935-02
CHECED	WR. FUKUCHI	14.04.04	PART NO. BM24-30DP/2-0.35V(51)
DESIGNED	YH. HASEGAWA	14.04.04	
DRAWN	YH. HASEGAWA	14.04.04	CODE NO. CL677-2007-5-51

1/2

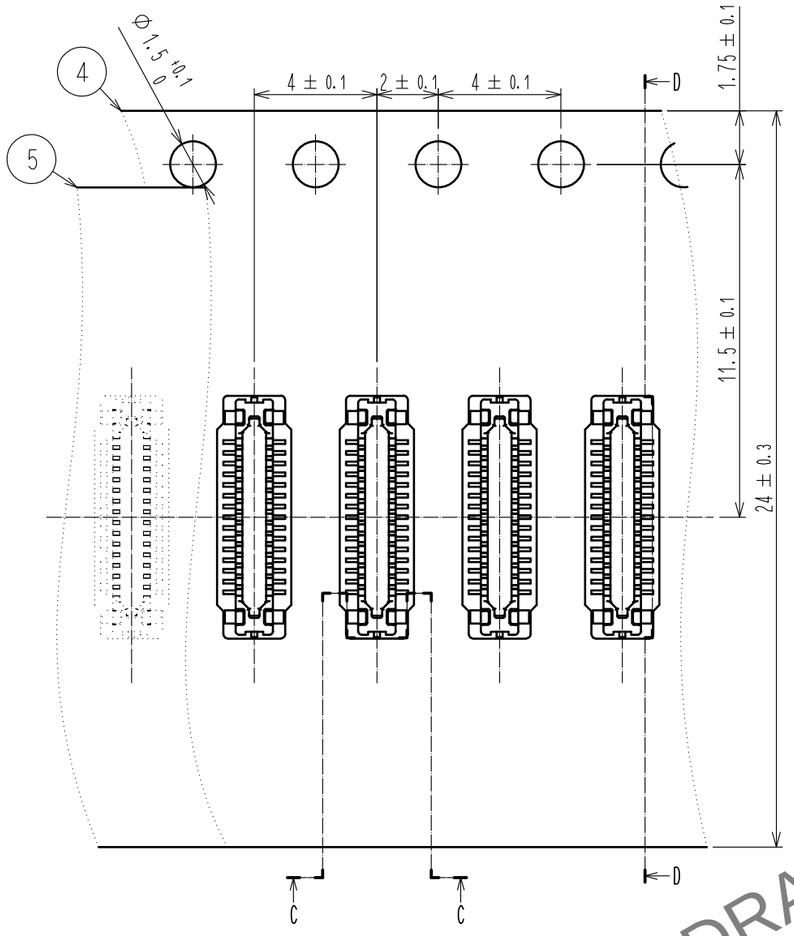
FORM HC0011-5-7_AN

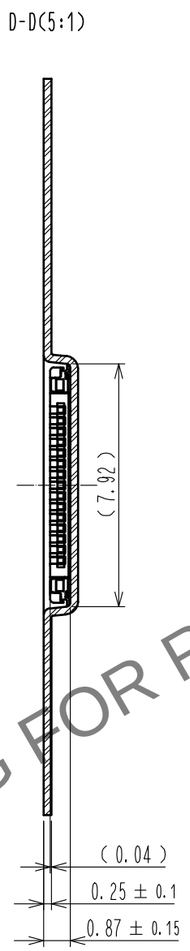
HRS DRAWING FOR REFERENCE

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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

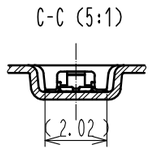
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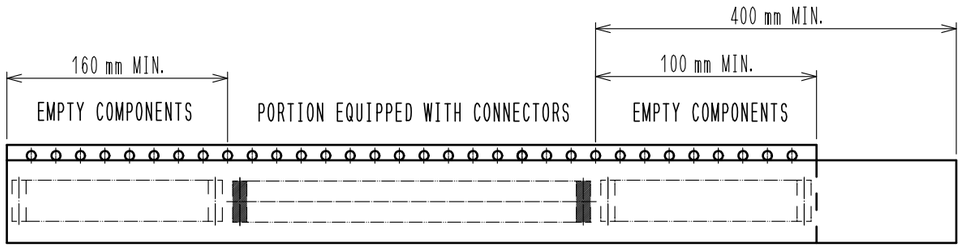
EMBOSSED CARRIER TAPE PACKAGING (FREE)





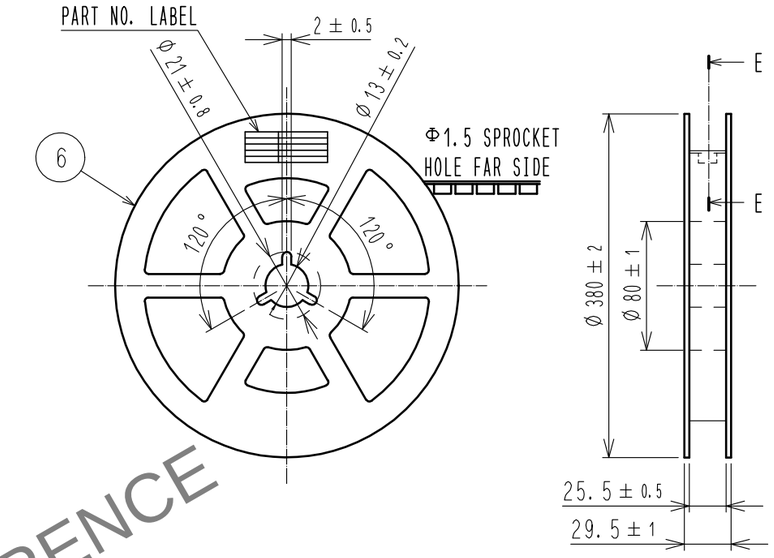
DIRECTION OF UNREELING



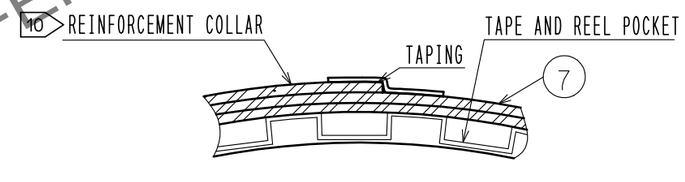


9 TAPING(FREE)

STYLE AND DIMENTION OF REEL (FREE)



E-E (FREE)



DETAIL OF PART NO. LABEL

製造年月日	** ** **	DATA OF MANUFACTURED
製品コード	CL0677-2007-5(51)	CODE NO.
製品名	BM24-30DP/2-0.35V(51)	PART NO.
数量	10,000	QUANTITY
納入者	ヒロセ電機(株)	SUPPLIER

7 . PER REEL 10,000 CONNECTORS.
8 . THE DIMENSIONS IN PARENTHESES 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 FOR REFERENCE

DRAWING NO.	EDC3-356935-02
PART NO.	BM24-30DP/2-0.35V(51)
CODE NO.	CL677-2007-5-51

1 2/2