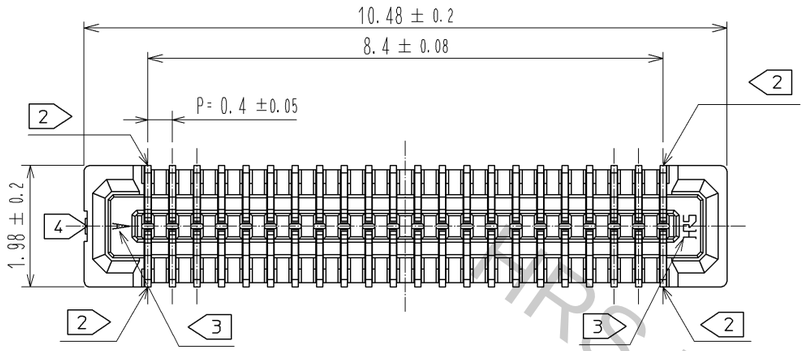
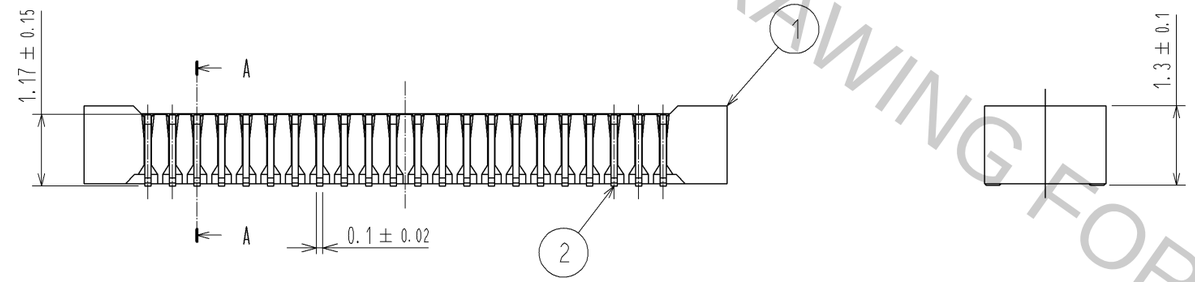
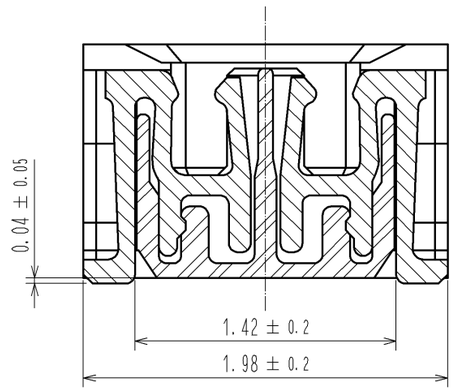
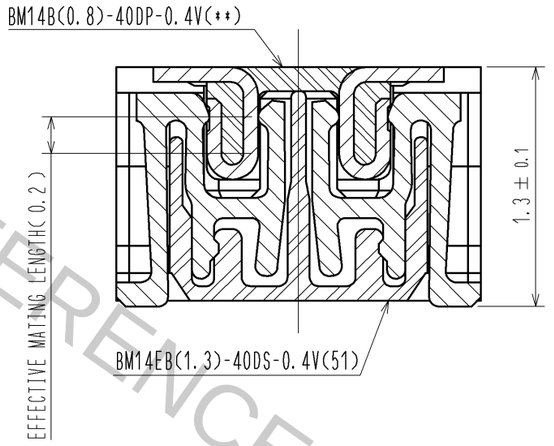




A-A(FREE)



ENGAGEMENT FIGURE (FREE)



NOTE) 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
2 : EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS AND GROUNDING PURPOSE.
3 : HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.
4 : GATE POSITION IS INDICATED IN APPROX POSITION SHOWN.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
2	PHOSPHOR BRONZE	CONTACT AREA : GOLD 0.05 μm MIN.	6	PS	CLEAR (REINFORCEMENT COLLAR)
		SMT LEAD : GOLD 0.05μm MIN.	5	PS	BLACK (PLASTIC REEL)
		UNDERPLATING : NICKEL 1μm MIN.	4	POLYESTER	CLEAR (COVER TAPE)
1	LCP	UL94 V-0, BLACK	3	PS	CLEAR (ENBOSSED CARRIER TAPE)

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

HIROSE ELECTRIC CO., LTD.

APPROVED	KH. IKEDA	14. 02. 24
CHECKED	YH. MICHIDA	14. 02. 24
DESIGNED	SH. HOSODA	14. 02. 21
DRAWN	SH. HOSODA	14. 02. 21

DRAWING NO.	EDC3-341489-01
PART NO.	BM14EB(1.3)-40DS-0.4V(51)
CODE NO.	CL684-8174-8-51

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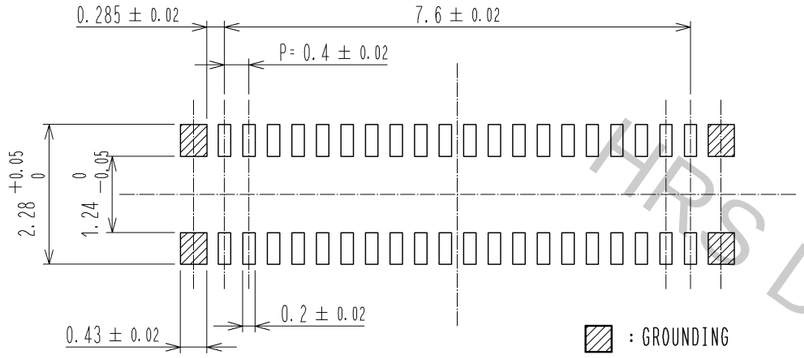
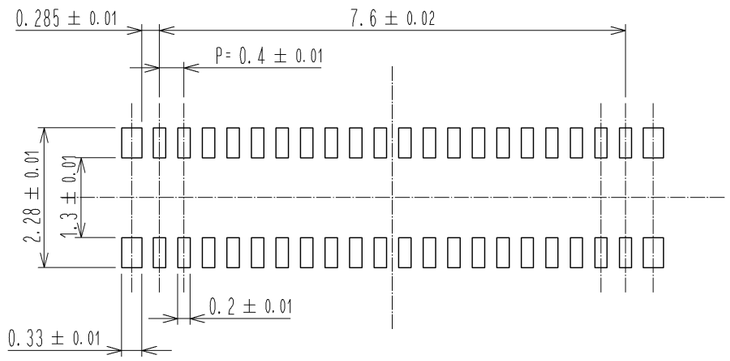
◆ RECOMMENDED PCB LAYOUT

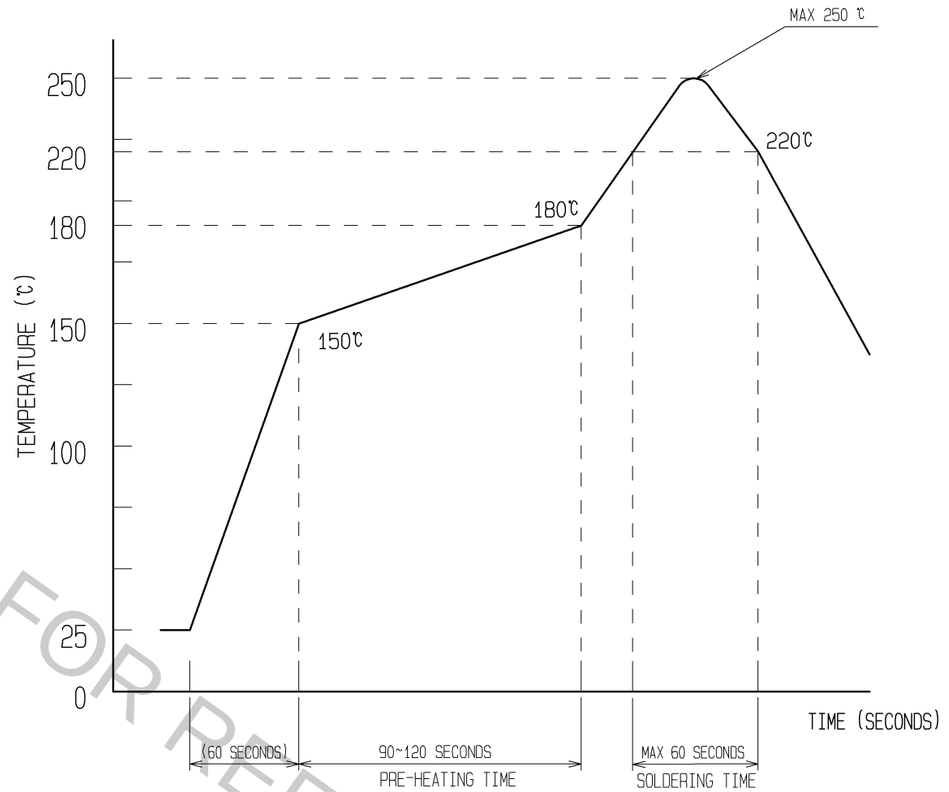


◆ RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : 100μm



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

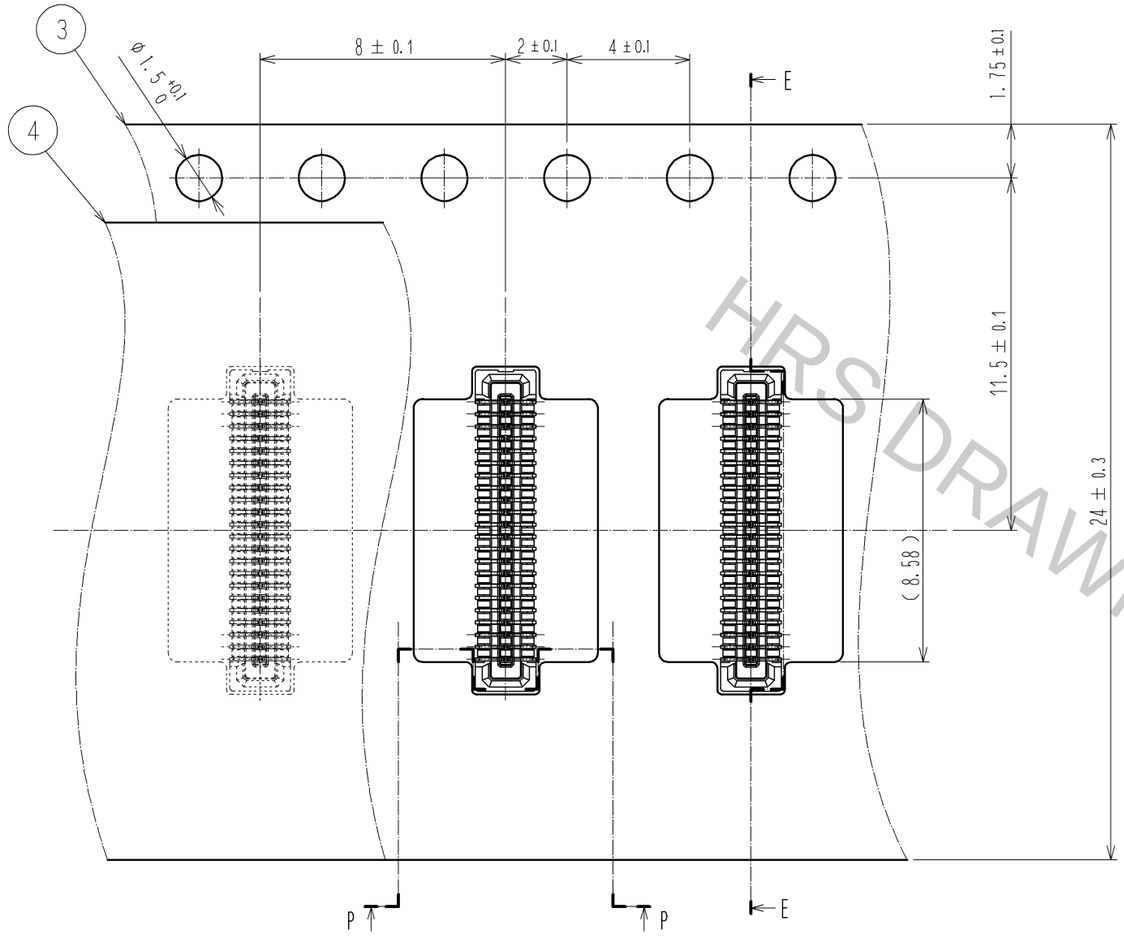


REFLOW METHOD: IR REFLOW
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.
1) REFLOW TIME
   DURATION ABOVE 220℃, 60 SEC. MAX.
   (PEAK TEMPERATURE: 250℃ MAX)
2) PRE-HEAT TIME
   PRE-HEAT TEMPERATURE(MIN): 150℃
   PRE-HEAT TEMPERATURE(MAX): 180℃
   PRE-HEAT TIME: 90-120 sec.

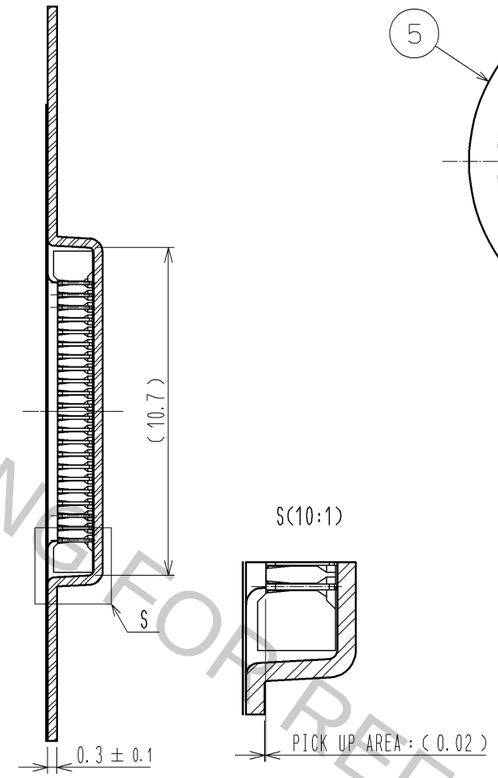
5 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDISIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS	図番：	EDC3-341489-01
	製品名：	BM14EB(1.3)-40DS-0.4V(51)
	製品コード	CL684-8174-8-51 △ 2/3

EMBOSSED CARRIER TAPE PACKAGING (5:1)

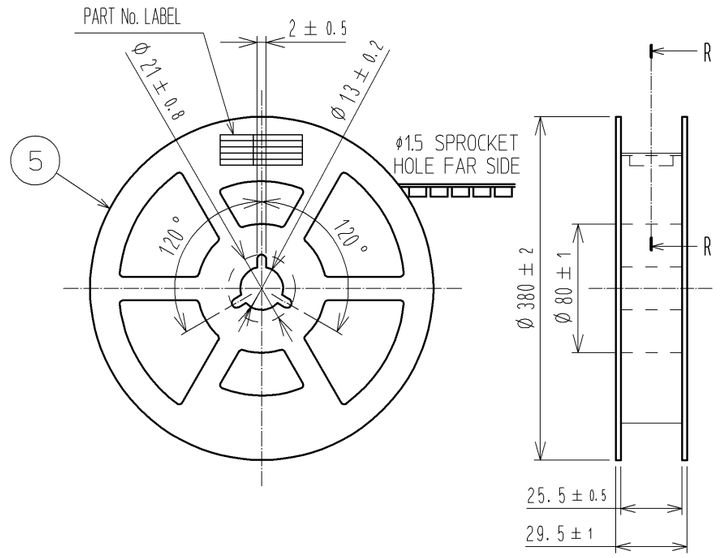


E-E (5:1)

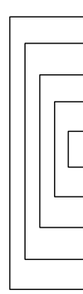


S(10:1)

STYLE AND DIMENTION OF REEL (FREE)

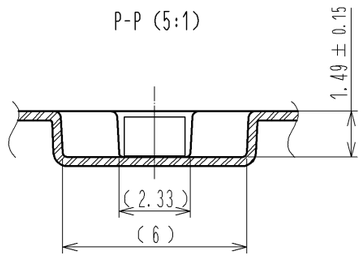


DETAIL OF PART No. LABEL



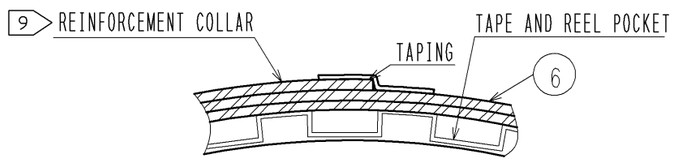
製造年月日	** ** **
製品コード	CL684-8174-8-51
製品名	BM14EB(1.3)-40DS-0.4V(51)
数量	5,000
納入者	ヒロセ電機(株)

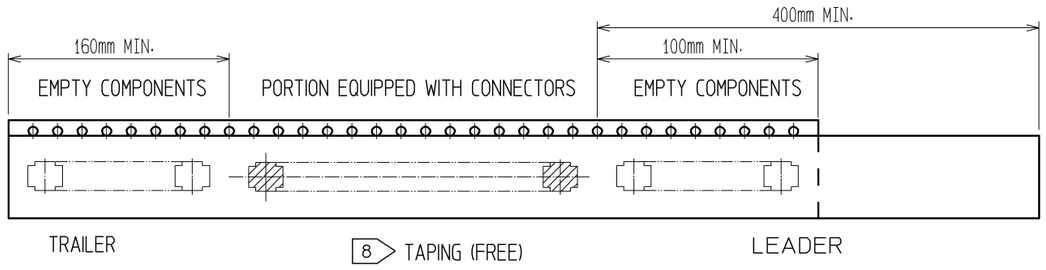
P-P (5:1)



DIRECTION OF UNREELING

R-R (FREE)





6. PER REEL 5000 CONNECTORS.
7. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
8. REFER TO JIS C 0806 AND IEC 60286-3.
   (PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)
9. 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.

DRAWING NO.	EDC3-341489-01
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