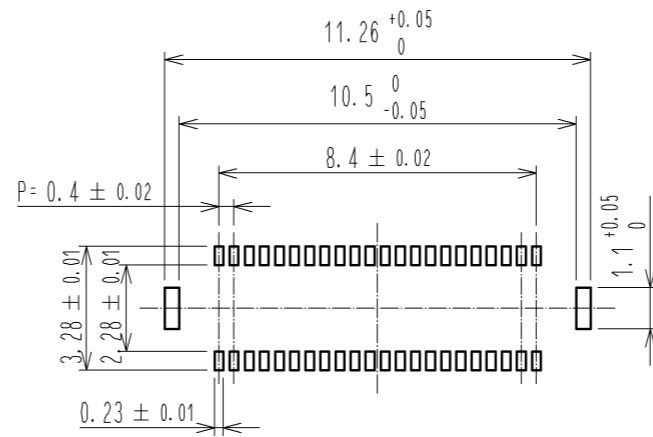
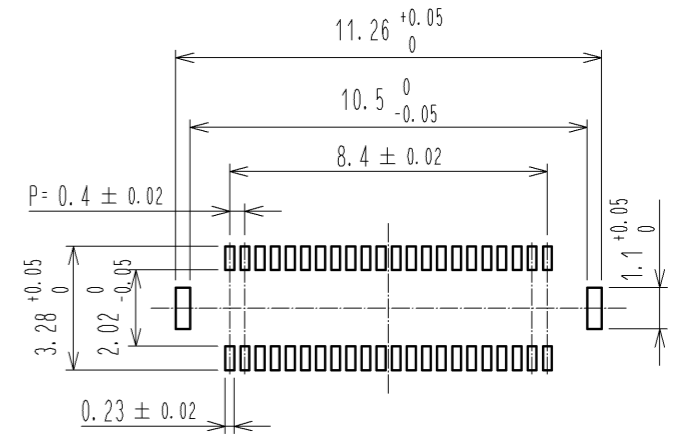


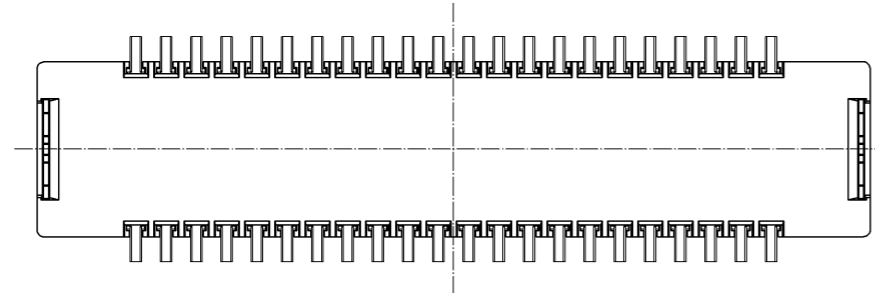
RECOMMENDED METAL MASK (5:1)
OPENING PATTERN



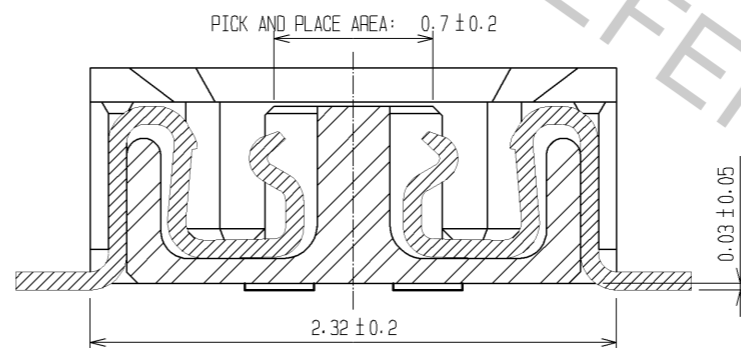
RECOMMENDED PATTERN (5:1)



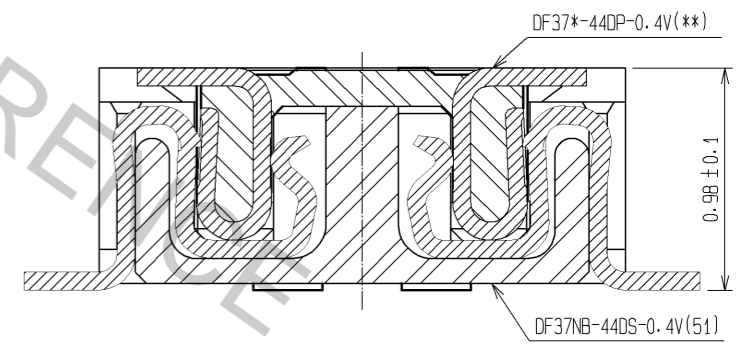
RECOMMENDED SOLDER PASTE THICKNESS: 120µm



A-A (30:1)



ENGAGEMENT FIGURE (30:1)



NOTE 1. ALL LEADS CO-PLANARITY SHALL BE 0.1 mm MAX.

2 CONTACT PLATING SPECIFICATIONS.

CONTACT AREA : GOLD 0.05µm MIN
SMT LEAD : GOLD 0.05µm MIN
UNDER PLATING : NICKEL 1µm MIN
(SURFACE : SEALING)

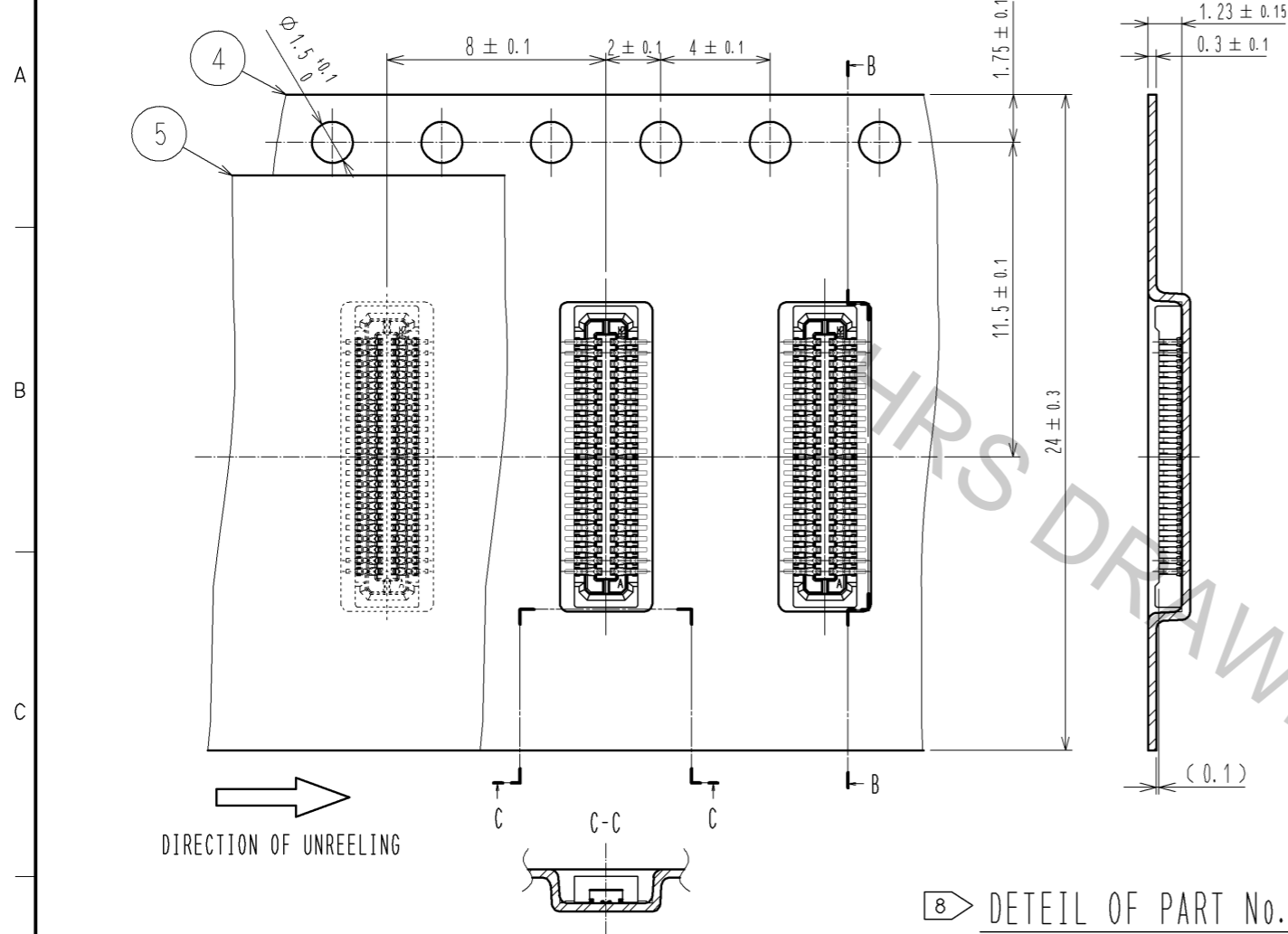
3 METAL HOLD DOWN PLATING SPECIFICATIONS.

MOUNTING AREA : GOLD 0.05µm MIN
UNDER PLATING : NICKEL 1µm MIN

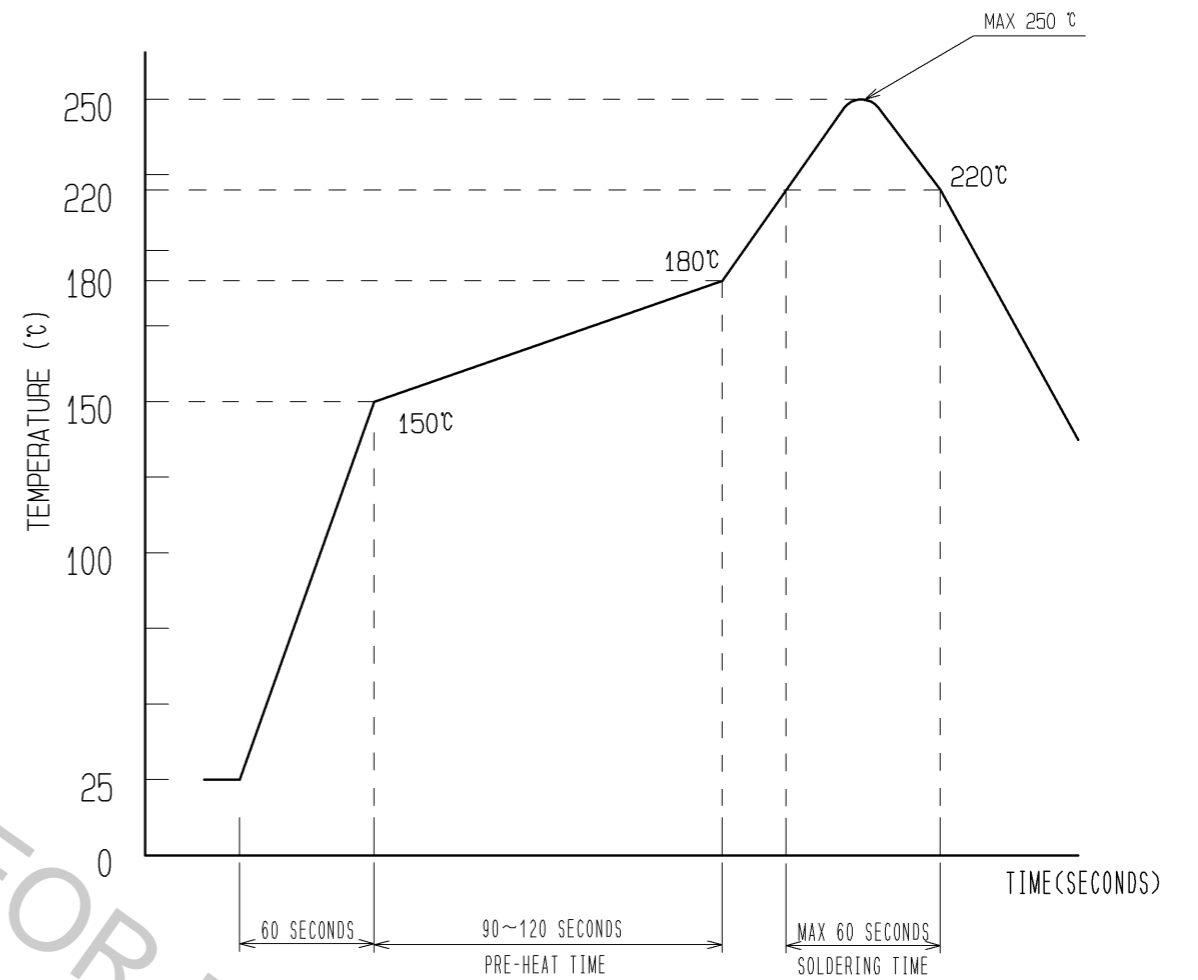
3	PHOSPHOR BRONZE	3	7	PS	CLEAR. REINFORCING COLLAR
2	PHOSPHOR BRONZE	2	6	PS	BLACK. PLASTIC REEL
1	LCP	BLACK. UL94V-0	5	POLYESTER	CLEAR. COVER TAPE
			4	PS	CLEAR. EMBOSSED CARRIER TAPE
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS

UNITS mm		SCALE 10:1	COUNT 	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
HRS HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA	12.10.03	DRAWING NO.	EDC3-320206-01		
		CHECED : TS. MIYAZAKI	12.10.03	PART NO.	DF37NB-44DS-0.4V(51)		
		DESIGNED : RT. SHIMIZU	12.09.27	CODE NO.	CL684-3407-7-51		
		DRAWN : RT. SHIMIZU	12.09.27				

EMBOSSED CARRIER TAPE PACKAGING (FREE SIZE)

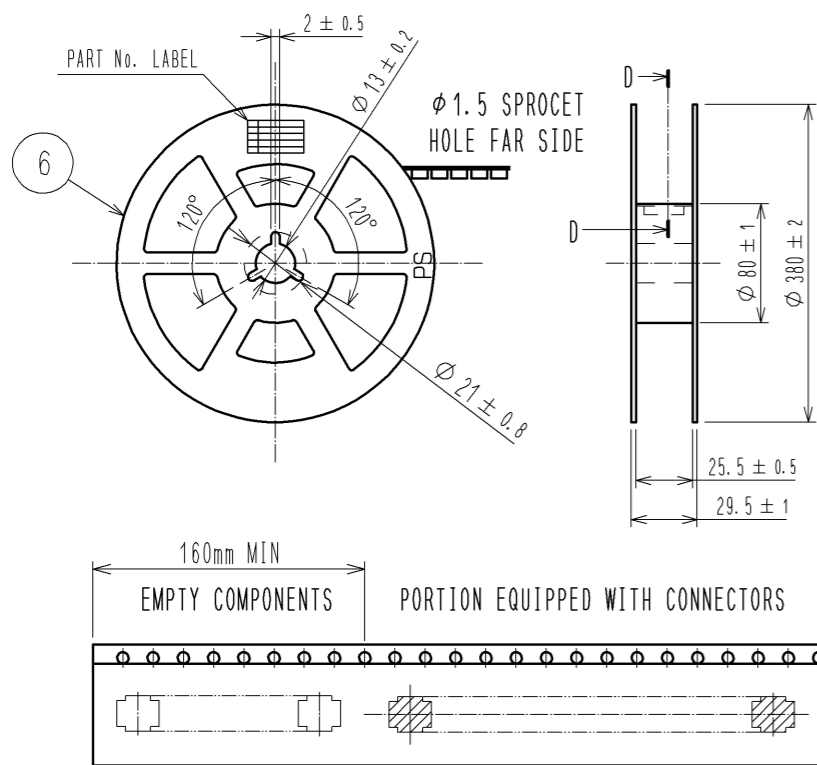


4 RECOMMENDED REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE.



8 DETEIL OF PART No. LABEL

STYLE AND DIMENSION OF REEL (FREE SIZE)



SUPPLIER	QUANTITY	PART NO.	CODE NO.	DATE OF MANUFACTURED
製造年月日	年 月 日	製品コード	CL684-3407-7-51	
製品名	DF37NB-44DS-0.4V(51)	数量	8000個	納入者
				ヒロセ電機(株)

1) REFLOW TIME
 REFLOW METHOD: IR REFLOW
 NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.
 DURATION ABOVE 220 °C. 60 SEC. MAX.
 (PEAK TEMPERATURE: 250°C MAX.)

2) PRE-HEAT TIME
 PRE-HEAT TEMPERATURE(MIN) :150 °C
 PRE-HEAT TEMPERATURE(MAX) :180 °C
 PRE-HEAT TIME : 90~120 sec.

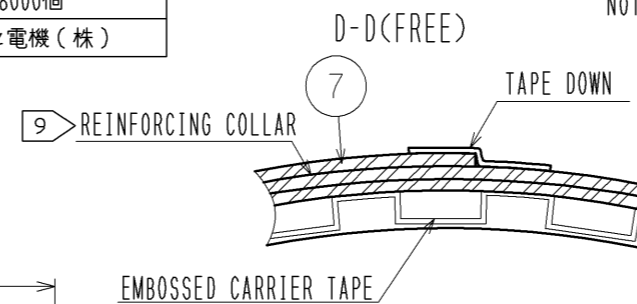
NOTES 4 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

5. PER REEL 8000 CONNECTORS.
 6. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

7 REFER TO JIS C 0806-3 OR IEC 60286-3 (PACKING OF COMPONENTS FOR AUTOMATIC HANDLING)

8 DETAIL OF PART No. LABEL IS WRITTEN IN JAPANESE.

9 AFTER FINISHING THE REELING, COVER THE SURFACE WITH 2 METERS OF REINFORCING COLLAR AND THE DOWN AT THE END.



HRS	DRAWING NO.	EDC3-320206-01
	PART NO.	DF37NB-44DS-0.4V(51)
	CODE NO.	CL684-3407-7-51
		\triangle 2/2