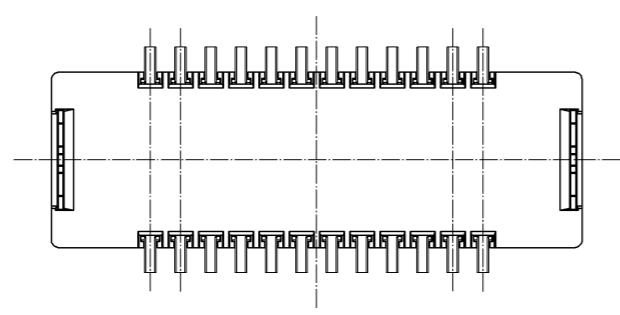
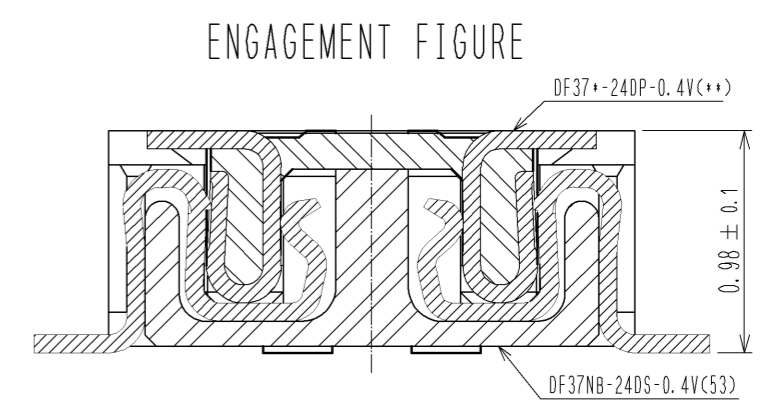
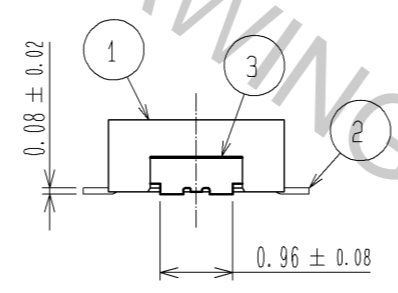
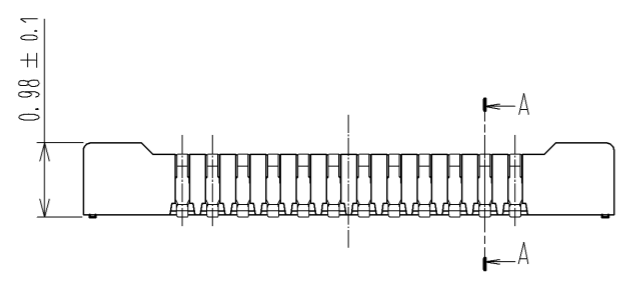
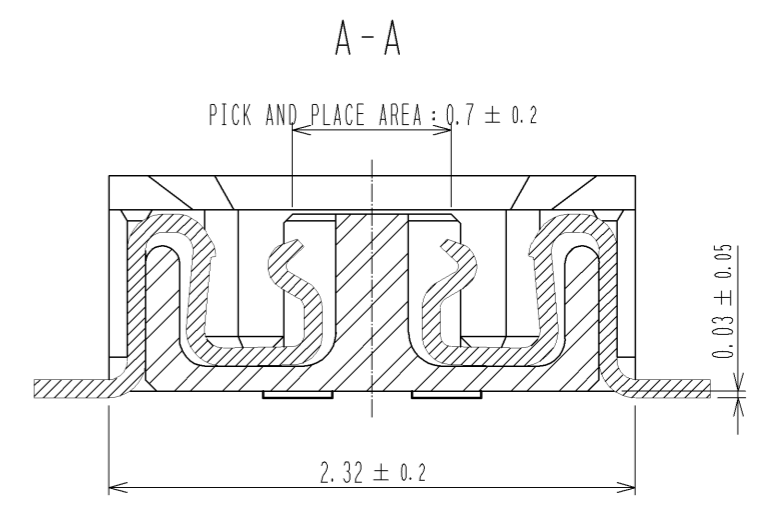
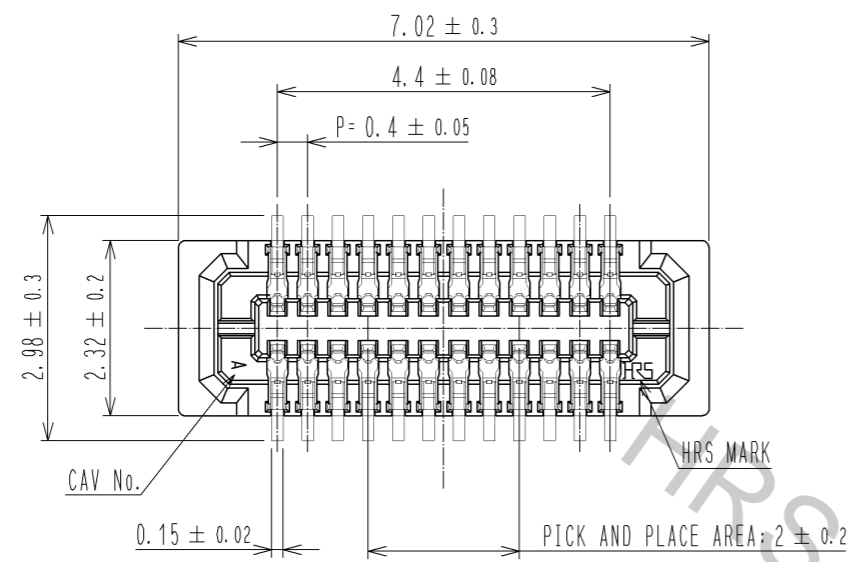


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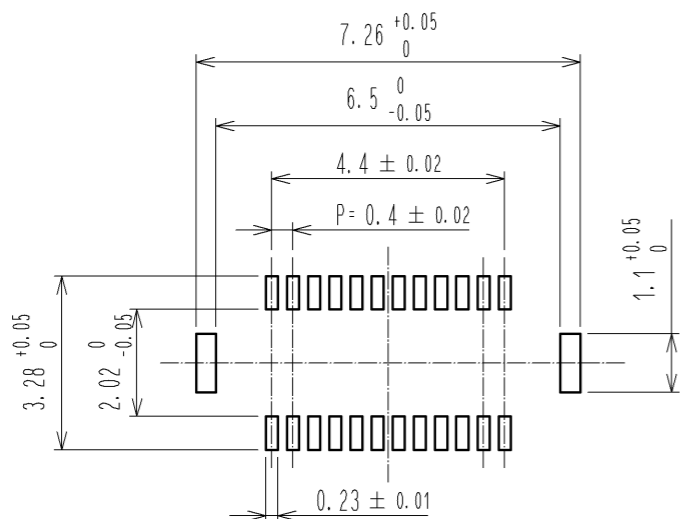


NOTE 1. ALL LEADS CO-PLANARITY SHALL BE 0.1 mm MAX.
 2 CONTACT PLATING SPECIFICATIONS.
 CONTACT AREA : GOLD 0.05 μm MIN
 SMT LEAD : GOLD 0.05 μm MIN
 UNDER PLATING : NICKEL 1 μm MIN
 (SURFACE : SEALING)
 3 METAL HOLD DOWN PLATING SPECIFICATIONS.
 MOUNTING AREA : GOLD 0.05 μm MIN
 UNDERPLATING : NICKEL 1 μm MIN

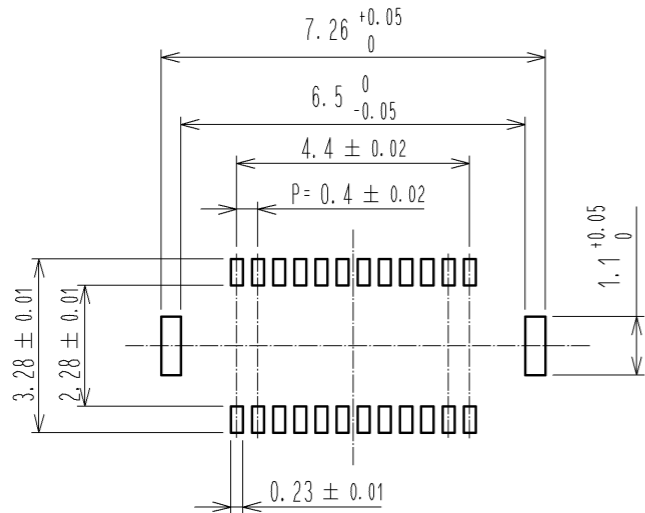
3	PHOSPHOR BRONZE	3	7	PS	CLEAR. REINFORCING COLLAR
2	PHOSPHOR BRONZE	2	6	PS	BLACK. PLASTIC REEL
1	LCP	BLACK. UL94V-0	5	POLYESTER	CLEAR. COVER TAPE
			4	PS	CLEAR. EMBOSSED CARRIER TAPE
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS

UNITS mm		SCALE 10:1	COUNT 	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
HRS HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA	13.07.01	DRAWING NO. EDC3-319637-03			
		CHECKED : TS. MIYAZAKI	13.07.01	PART NO. DF37NB-24DS-0.4V(53)			
		DESIGNED : YK. SATAKE	13.07.01	CODE NO. CL684-3304-4-53			
		DRAWN : KR. AJITO	13.06.28				

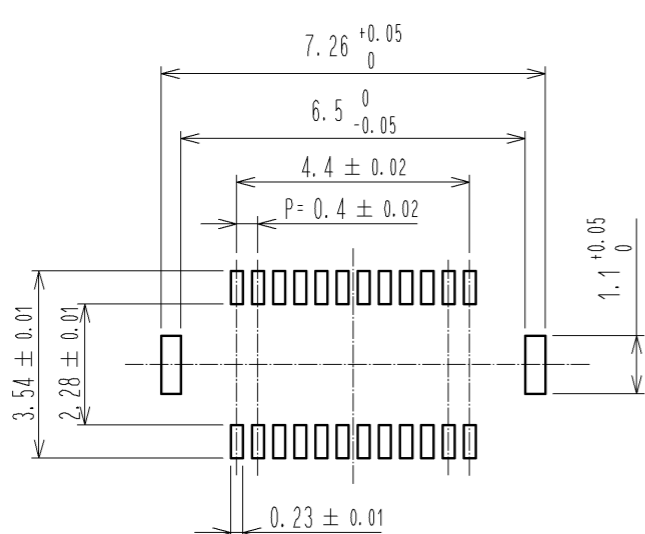
◆ RECOMMENDED PCB LAYOUT(MOUNTING SURFACE SIDE)



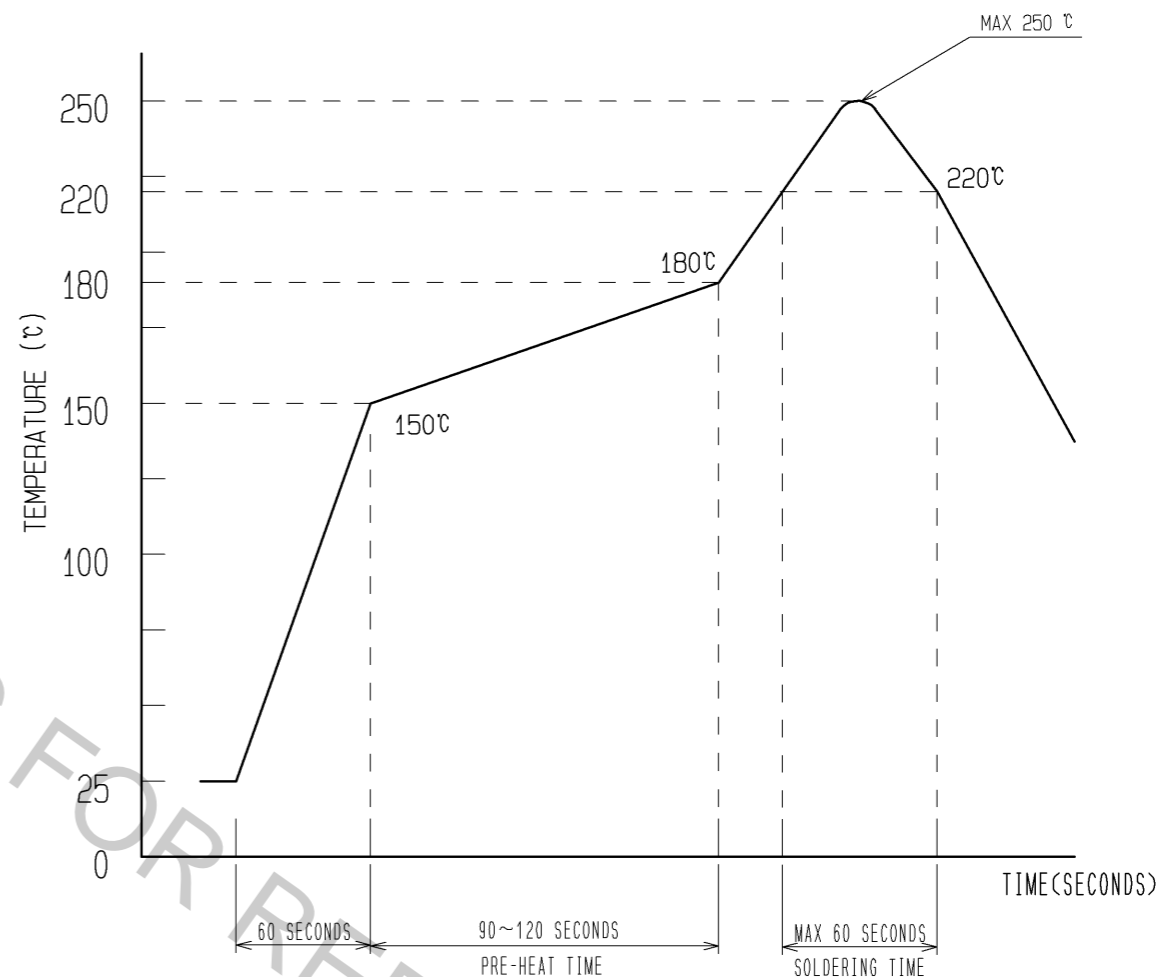
◆ RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS : 0.12mm



◆ RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS : 0.1mm



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



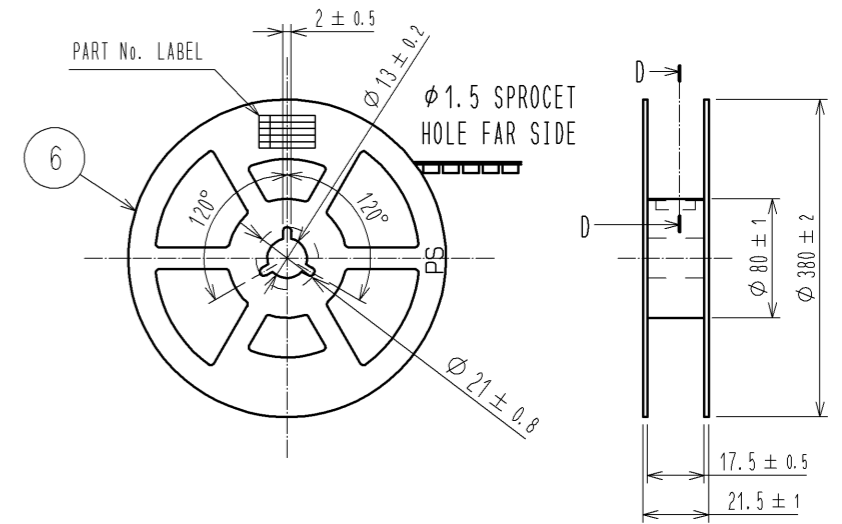
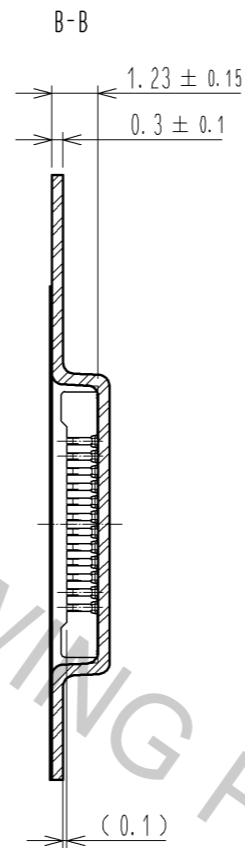
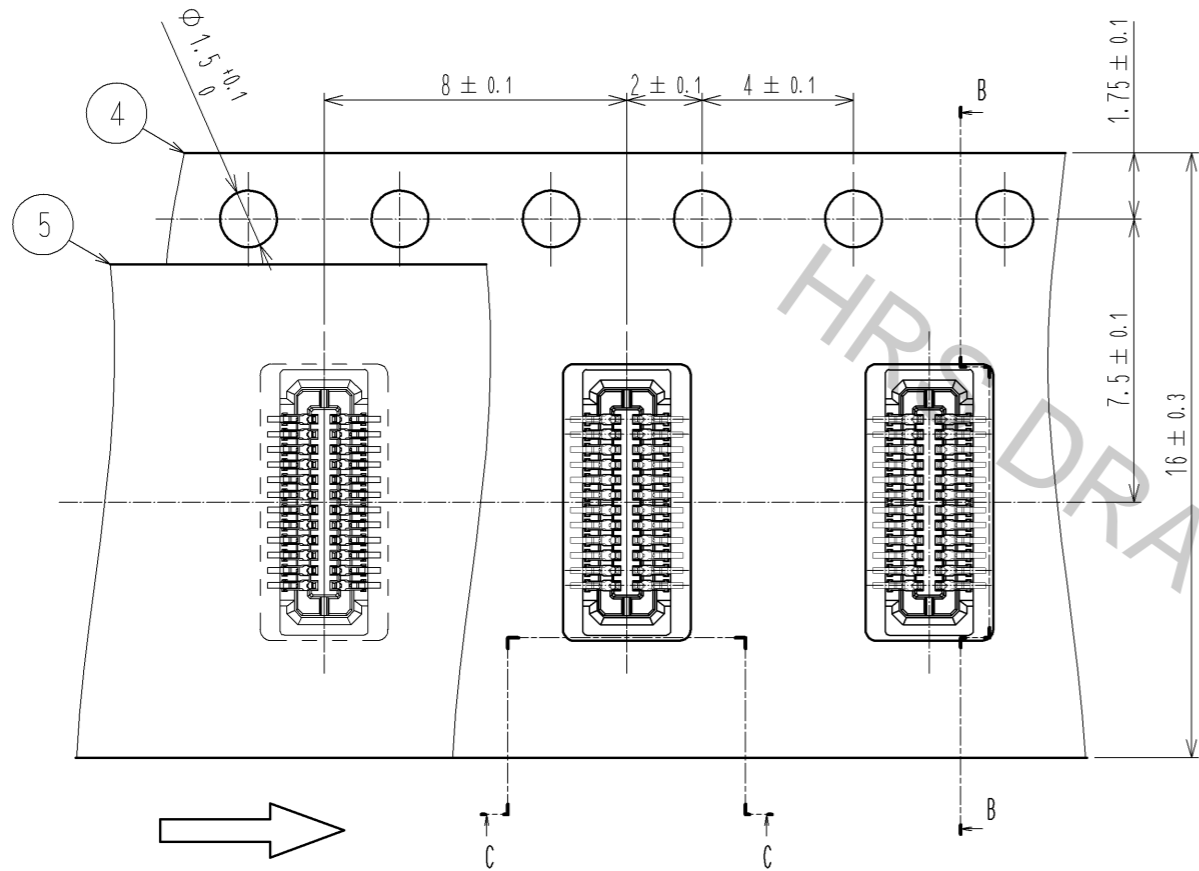
- 1) REFLOW TIME
REFLOW METHOD: IR REFLOW
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.
DURATION ABOVE 220 °C, 60 SEC. MAX.
(PEAK TEMPERATURE: 250°C MAX.)
- 2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN) :150 °C
PRE-HEAT TEMPERATURE(MAX) :180 °C
PRE-HEAT TIME : 90~120 sec.

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.

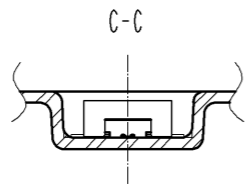
HRS	DRAWING NO.	EDC3-319637-03
	PART NO.	DF37NB-24DS-0.4V(53)
	CODE NO.	CL684-3304-4-53

EMBOSSED CARRIER TAPE PACKAGING (5:1)

STYLE AND DIMENSION OF REEL (FREE SIZE)

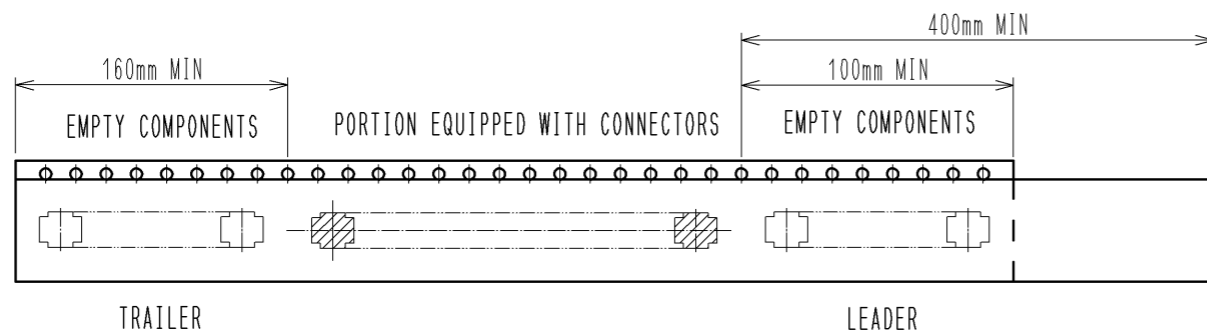
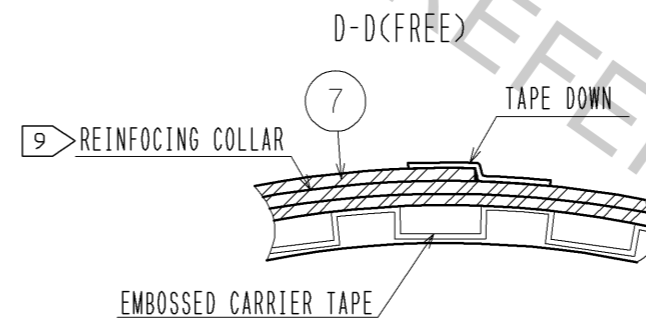


DIRECTION OF UNREELING



DETAIL OF PART NO. LABEL

SUPPLIER	
QUANTITY	
PART NO.	
CODE NO.	
DATE OF MANUFACTURED	
製造年月日	年 月 日
製品コード	CL684-3304-4-53
製品名	DF37NB-24DS-0.4V(53)
数量	1000個
納入者	ヒロセ電機(株)



TAPING(FREE)

NOTES 5. PER REEL 1000 CONNECTORS.

6. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

7. REFER TO JIS C 0806(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.	EDC3-319637-03
	PART NO.	DF37NB-24DS-0.4V(53)
	CODE NO.	CL684-3304-4-53
		△ 3/3