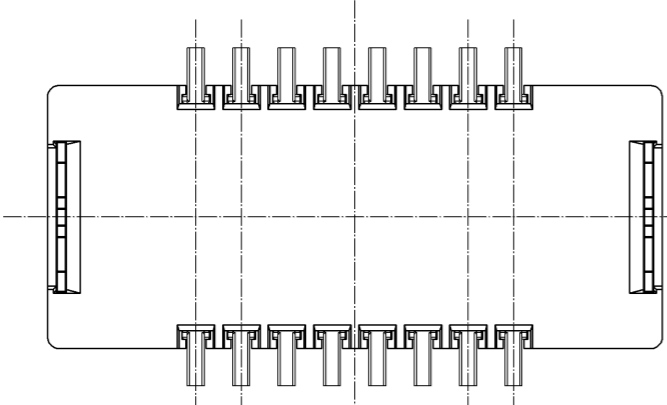
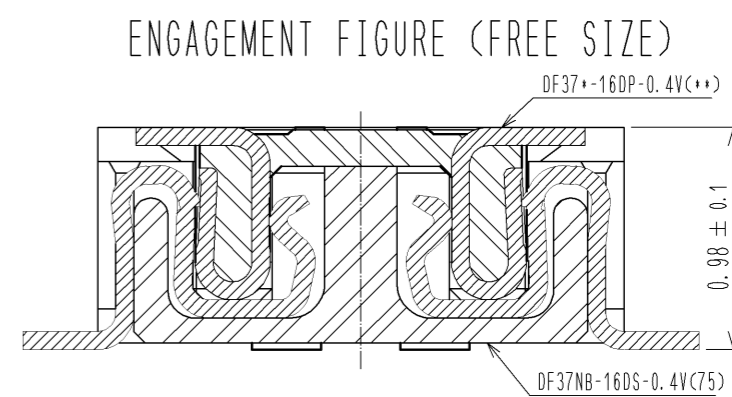
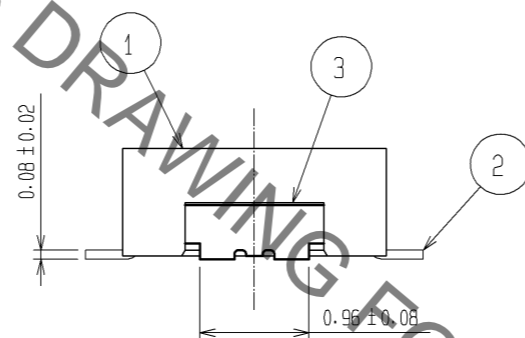
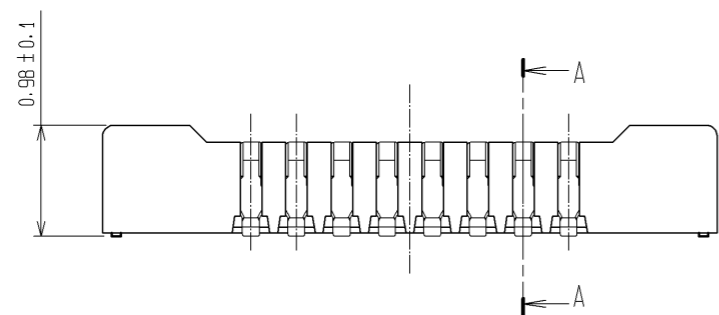
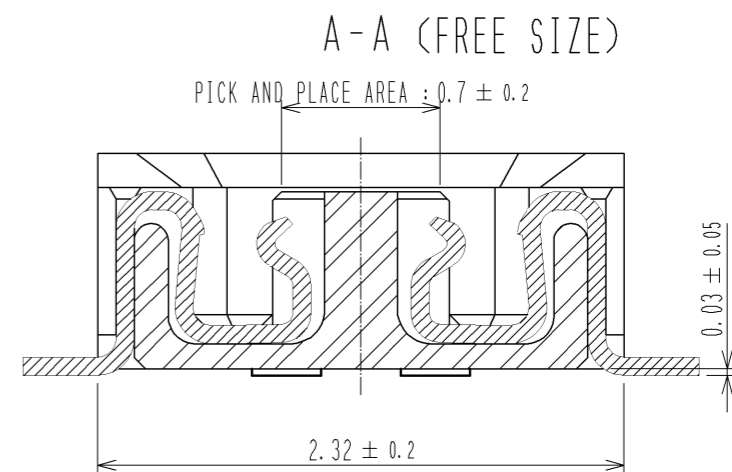
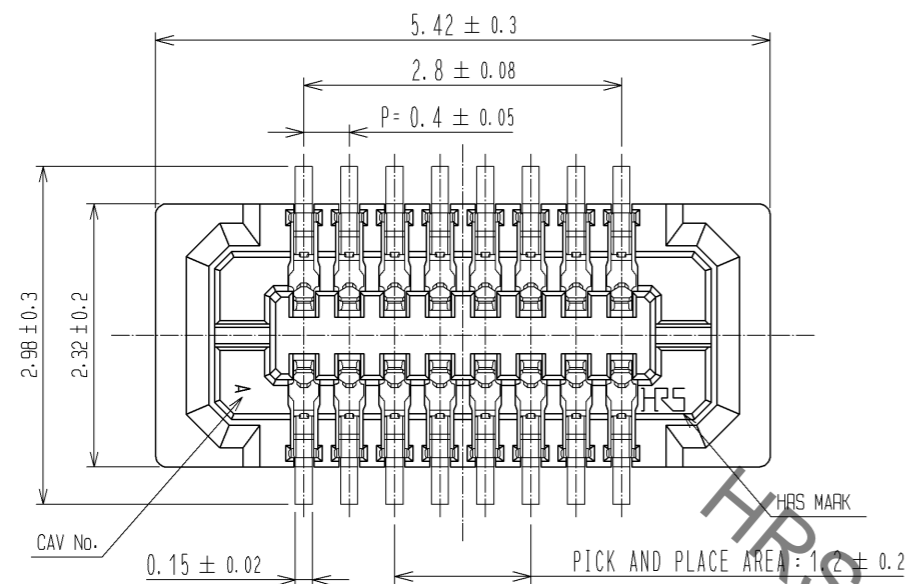




**THE DATASHEET OF
DF37NB-16DS-0.4V(75)**



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

② CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD 0.1 μm MIN.
SMT LEAD : GOLD 0.05 μm MIN.
UNDERPLATING : NICKEL 1 μm MIN.
(SURFACE : SEALING)

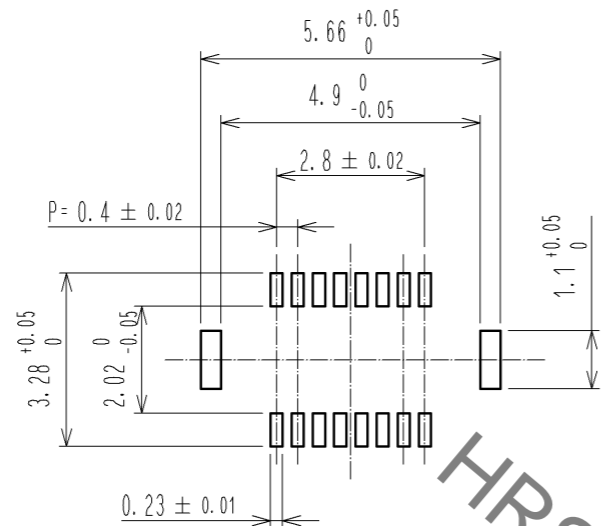
③ METAL HOLD DOWN PLATING SPECIFICATIONS.
MOUNTING AREA: GOLD 0.05 μm MIN.
UNDERPLATING : NICKEL 1 μm MIN.

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

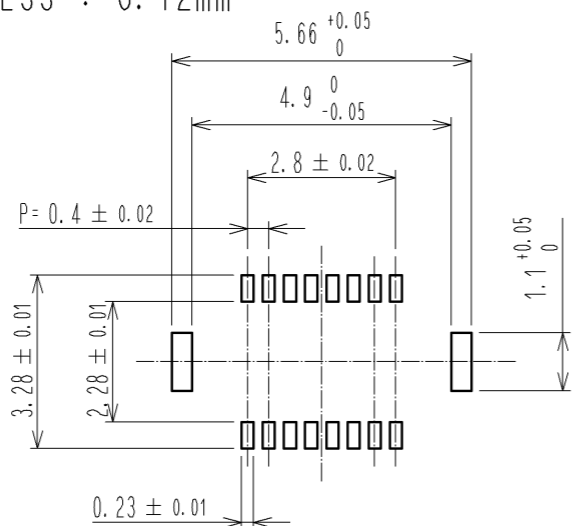
UNITS mm		SCALE FREE	COUNT 	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
HRS HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA 14. 01. 20	DRAWING NO. EDC3-319635-02				
		CHECED : YH. MICHIDA 14. 01. 18	PART NO. DF37NB-16DS-0. 4V(75)				
		DISIGNED : YN. SAKAMOTO 14. 01. 18	CODE NO. CL684-3302-9-75				
		DRAWN : KR. AJITO 14. 01. 18					

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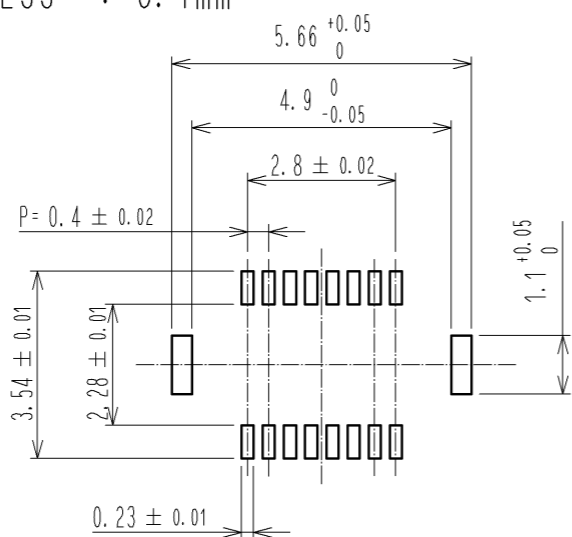
◆ RECOMMENDED PCB LAYOUT (MOUNTING SURFACE SIDE)



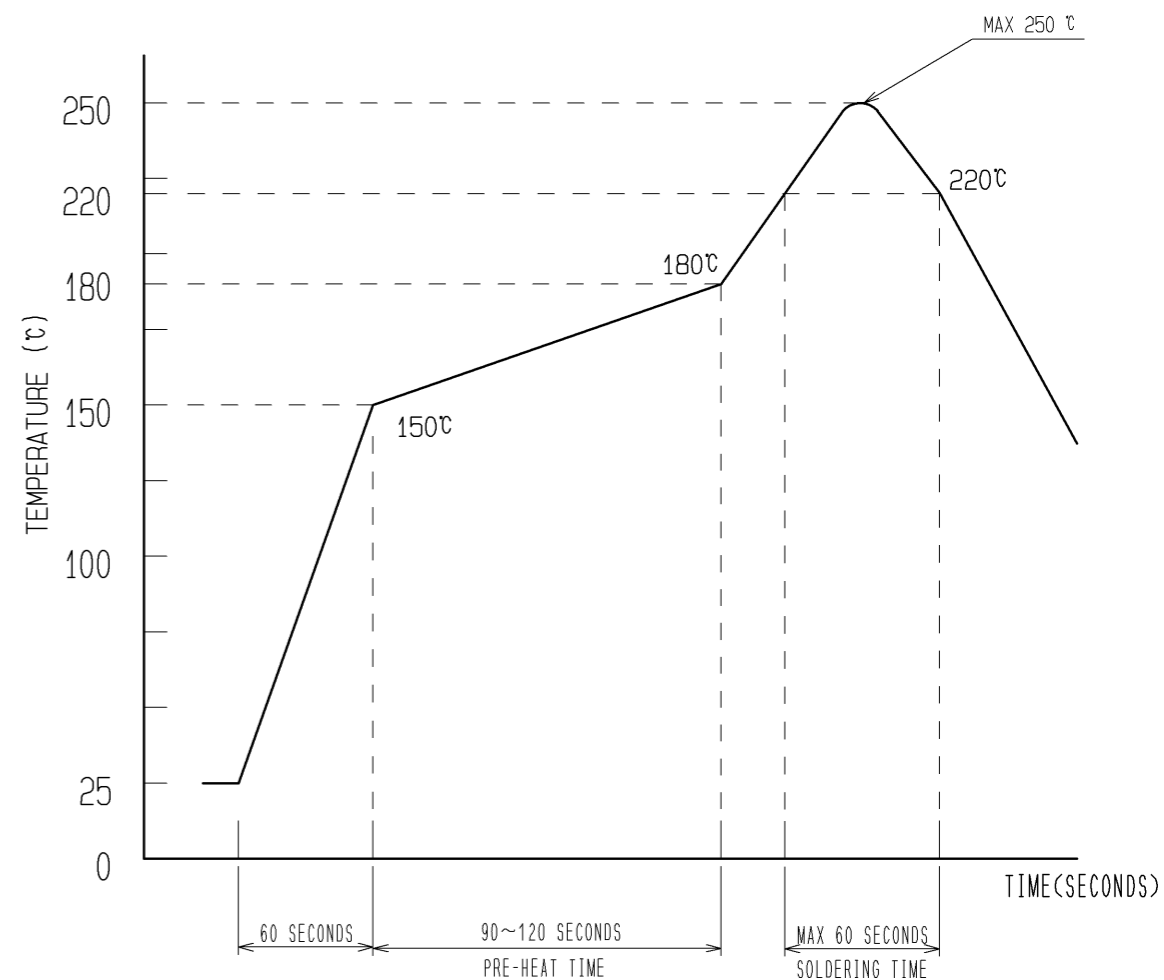
◆ RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS : 0.12mm



◆ 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.

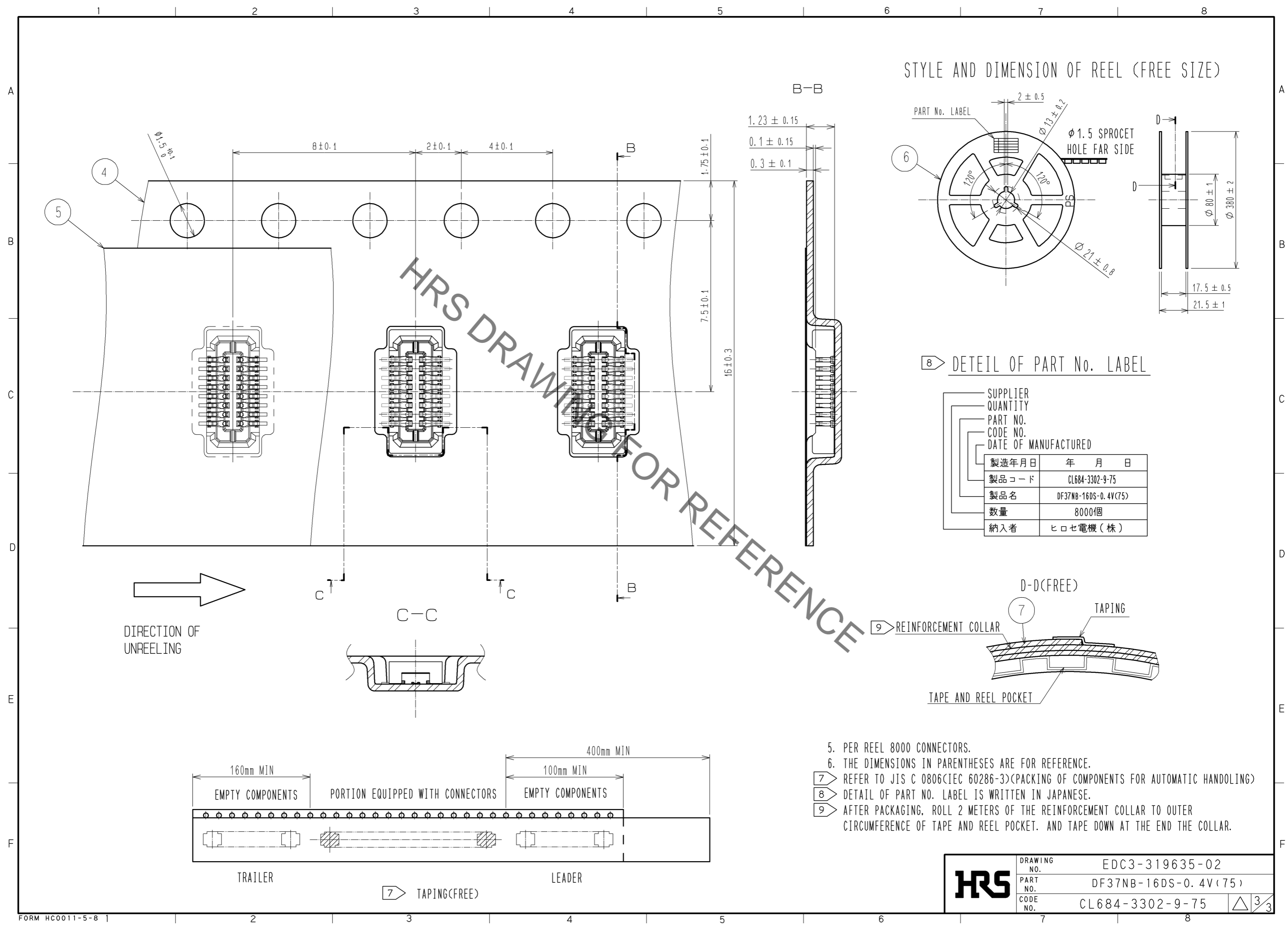
4 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS

DRAWING NO.	EDC3-319635-02
PART NO.	DF37NB-16DS-0.4V(75)
CODE NO.	CL684-3302-9-75

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	CODE NO.	CL684-3302-9-75
		△ 3/3

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management