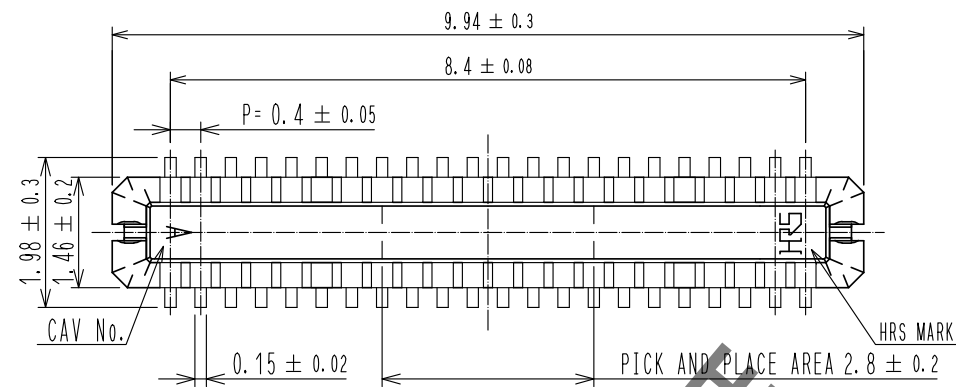
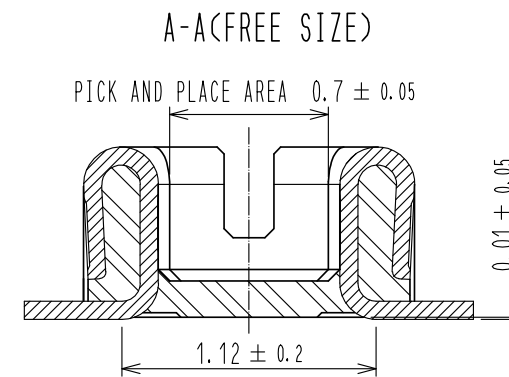
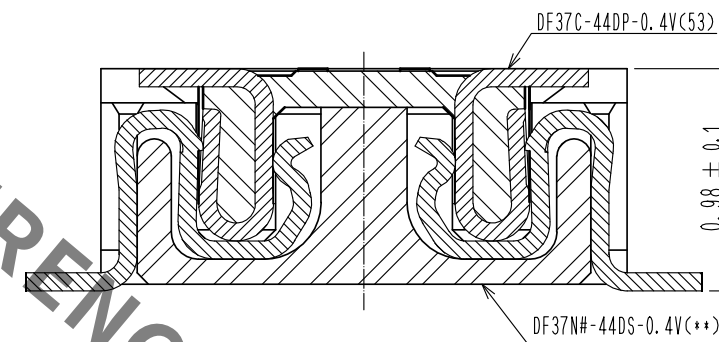
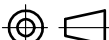


- NOTE 1. ALL LEADS CO-PLANARITY SHALL BE 0.1 MAX.
2. PER REEL : 1000 CONNECTORS.
3. AT THE BEGINNING OF THE REEL, 100 mm AT MIN SHALL BE EMPTY POCKETS.
AT THE END OF THE REEL, 160 mm AT MIN SHALL BE EMPTY.
4. PLATING SPECIFICATIONS.
CONTACT AREA : GOLD 0.05 μm MIN
SMT LEAD : GOLD 0.05 μm MIN
UNDER PLATING : NICKEL 1 μm MIN
(SURFACE : SEALING)
5. REFER TO JIS C 0806, IEC 60286-3(PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)

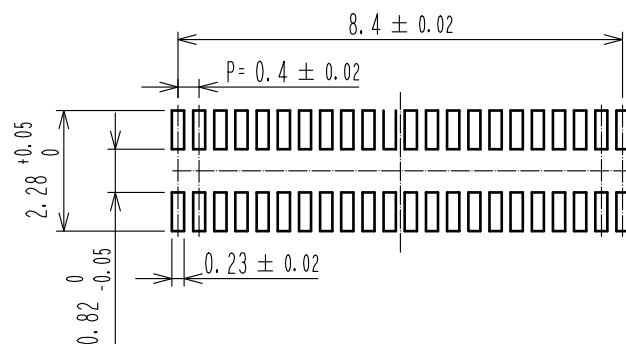


ENGAGEMENT FIGURE(FREE SIZE)

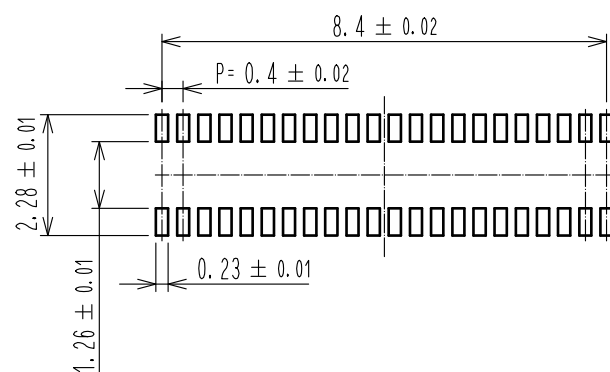


3	PS	CLEAR (EMBOSSED CARRIER TAPE)		6	PS	CLEAR (REINFORCEMENT COLLAR)				
2	PHOSPHOR BRONZE	4		5	PS	BLACK (PLASTIC REEL)				
1	LCP	BLACK, UL94V-0		4	POLYESTER	CLEAR (COVER TAPE)				
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS				
UNITS mm				SCALE FREE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : WR. FUKUCHI		20200709		DRAWING NO.		EDC-336264-53-00		
		CHECED : TS. MIYAZAKI		20200708		PART NO.		DF37C-44DP-0.4V(53)		
		DESIGNED : KT. KUSAKA		20200616		CODE NO.		CL684-3089-3-53		
		DRAWN : YK. MITSUISHI		20200616						
										1/3

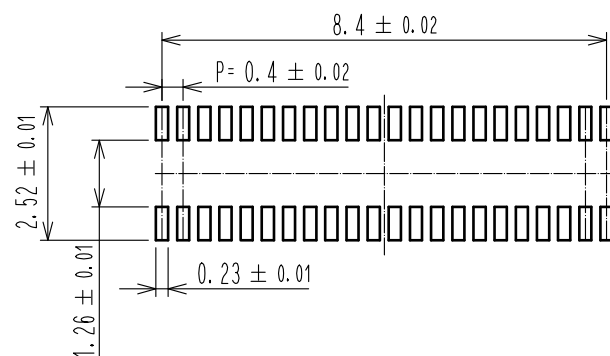
◆ RECOMMENDED PATTERN



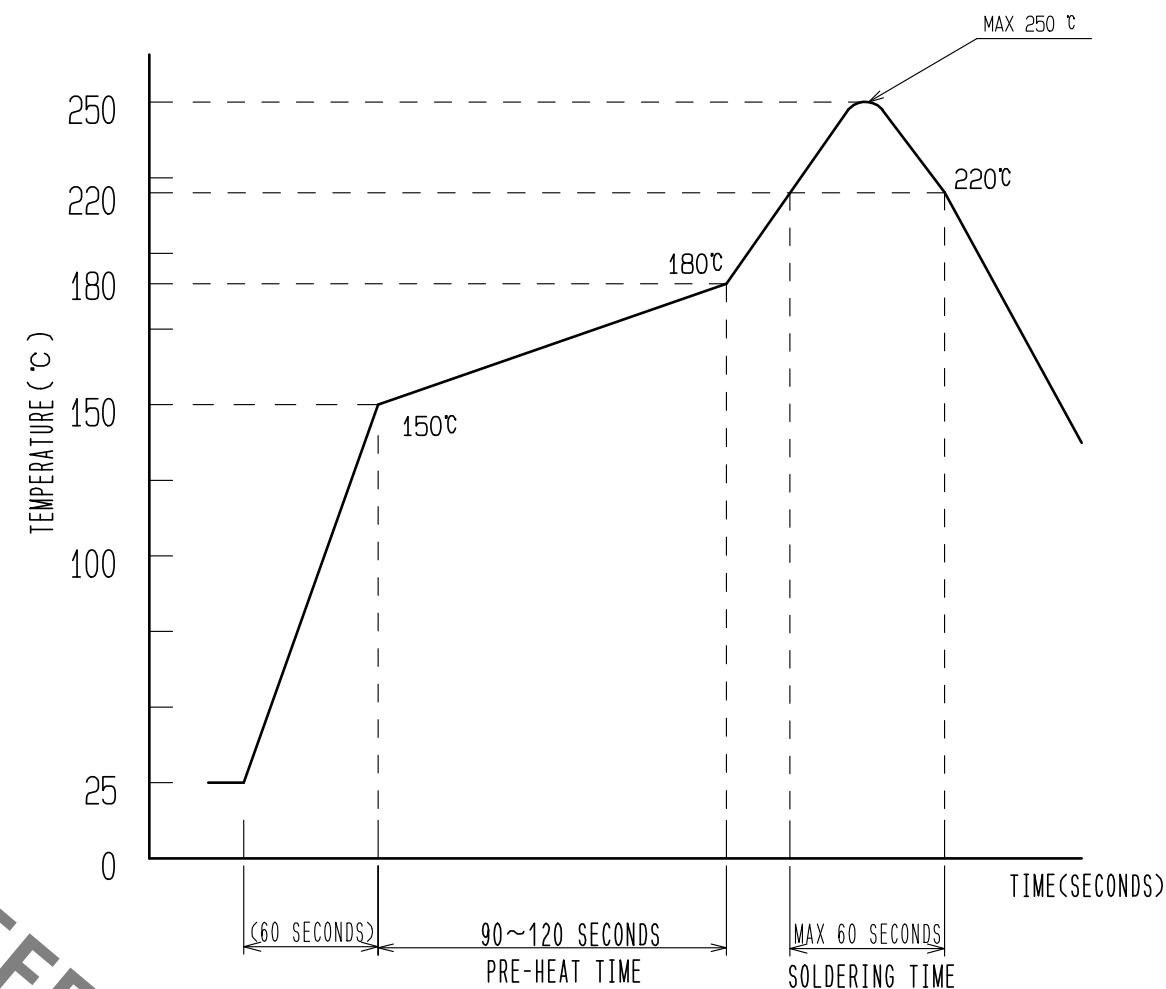
◆ RECOMMENDED METAL MASK OPENING PATTERN
RECOMMENDED SOLDER PASTE THICKNESS : 120 μm



◆ RECOMMENDED METAL MASK OPENING PATTERN
RECOMMENDED SOLDER PASTE THICKNESS : 100 μm



6 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.

NOTE 6 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.	EDC-336264-53-00
PART NO.	DF37C-44DP-0.4V(53)
CODE NO.	CL684-3089-3-53

