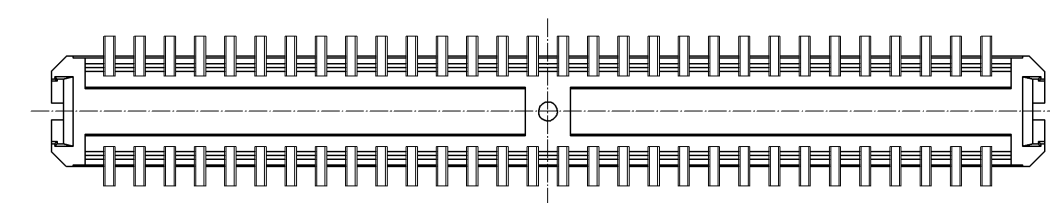
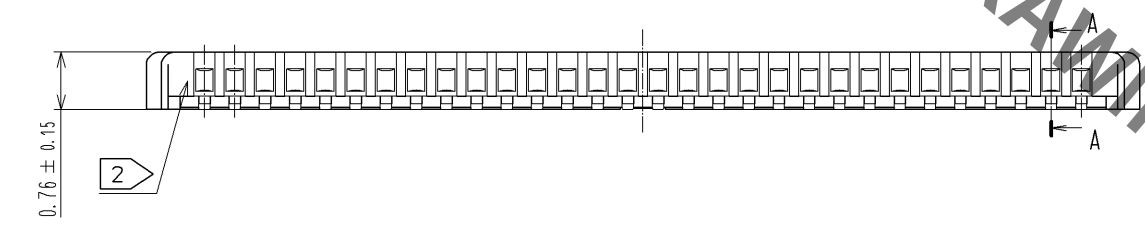
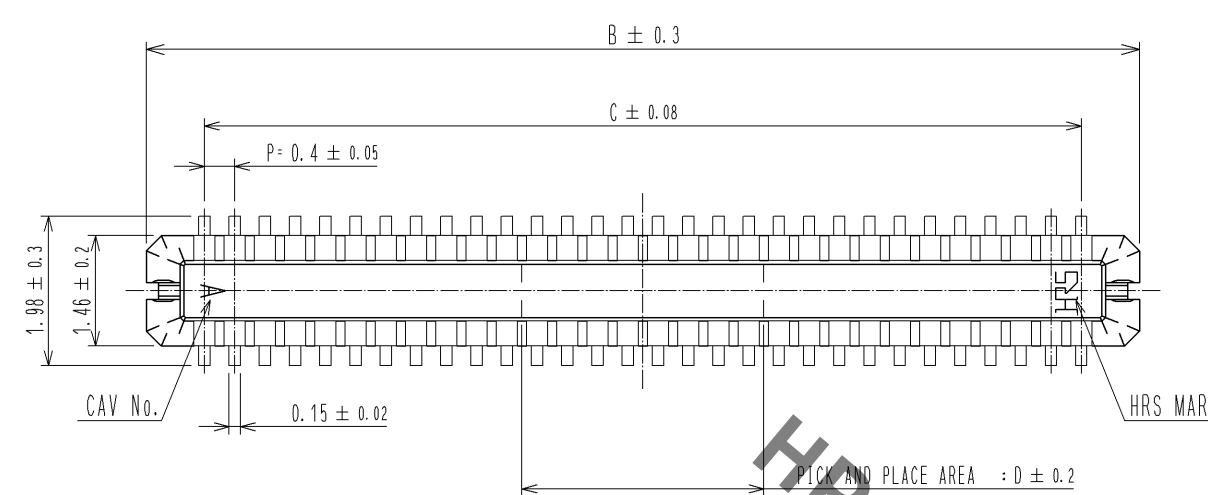
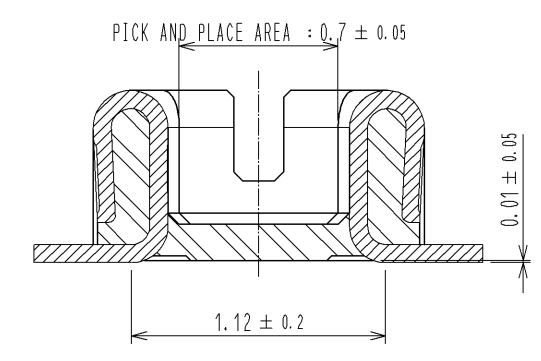


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

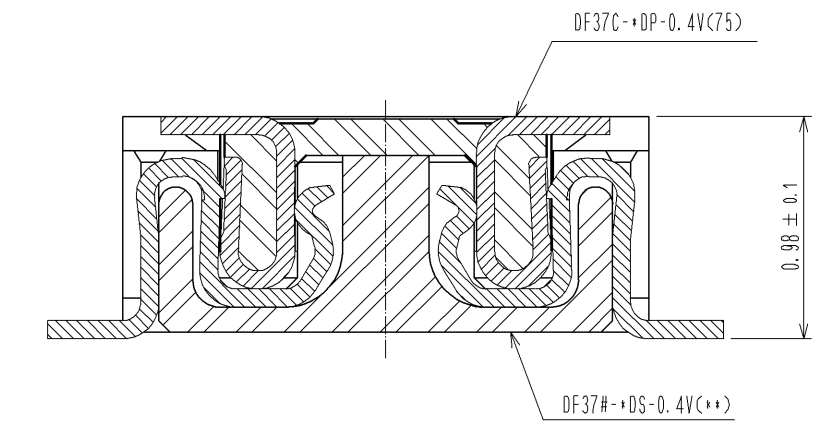


NOTE 1. ALL LEADS CO-PLANARITY SHALL BE 0.1 mm MAX.
2 A PART OF THE WALL COULD BE NOTCHED.
3 CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD 0.1 μm MIN
SMT LEAD : GOLD 0.05 μm MIN
UNDER PLATING : NICKEL 1 μm MIN
(SURFACE : SEALING)

A-A (FREE SIZE)



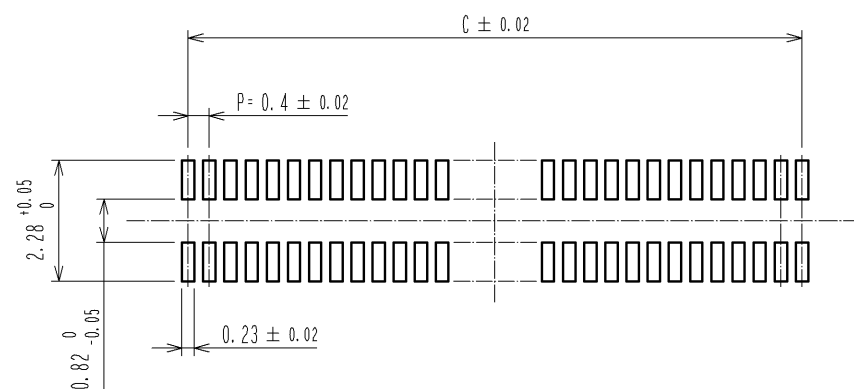
ENGAGEMENT FIGURE (FREE SIZE)



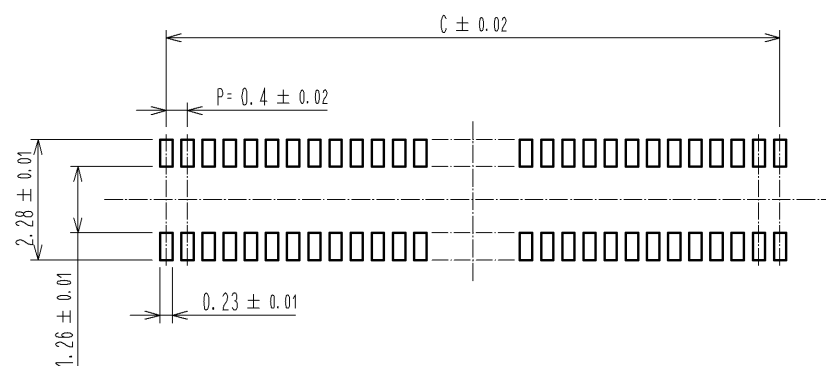
PART No.	CODE No.	B	C	D
DF37C-10DP-0.4V(75)	CL684-3039-5-75	3.14	1.6	0.8
DF37C-16DP-0.4V(75)	CL684-3058-0-75	4.34	2.8	1.2
DF37C-20DP-0.4V(75)	CL684-3024-8-75	5.14	3.6	1.6
DF37C-24DP-0.4V(75)	CL684-3025-0-75	5.94	4.4	2.0
DF37C-30DP-0.4V(75)	CL684-3026-3-75	7.14	5.6	2.0
DF37C-34DP-0.4V(75)	CL684-3085-2-75	7.94	6.4	2.4
DF37C-40DP-0.4V(75)	CL684-3027-6-75	9.14	7.6	2.4
DF37C-44DP-0.4V(75)	CL684-3089-3-75	9.94	8.4	2.8
DF37C-50DP-0.4V(75)	CL684-3028-9-75	11.14	9.6	2.8
DF37C-60DP-0.4V(75)	CL684-3029-1-75	13.14	11.6	3.2

2	PHOSPHOR BRONZE	3	5	PS	BLACK, PLASTIC REEL			
1	LCP	BLACK, UL94V-0	4	POLYESTER	CLEAR, COVER TAPE			
			3	PS	CLEAR, EMBOSSED CARRIER TAPE			
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS		
UNITS mm		SCALE FREE	COUNT 3	DESCRIPTION OF REVISIONS DIS-H-005494		DESIGNED KR. AJITO	CHECKED TS. MIYAZAKI	DATE 11. 02. 04
HRS HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA		10. 08. 04		DRAWING NO. EDC3-314974-06		
		CHECKED : TS. MIYAZAKI		10. 08. 04		PART NO. DF37C- *DP-0. 4V(75)		
		DESIGNED : TR. YUNOKI		10. 08. 04		CODE NO.		
		DRAWN : YN. SAKAMOTO		10. 07. 28		1		
5			6		7		8	

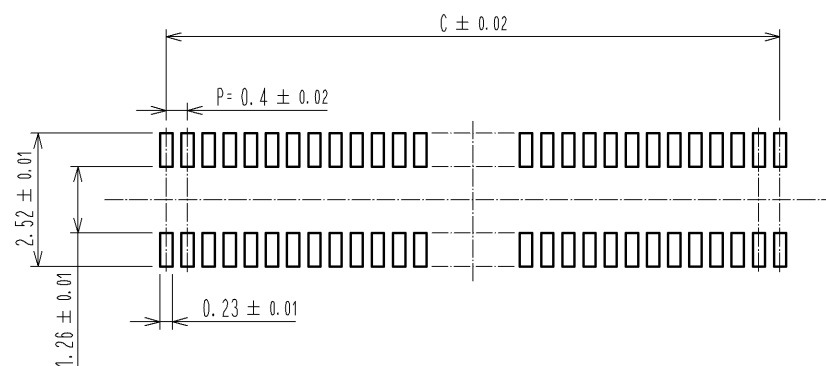
◆ RECOMMENDED PCB LAYOUT (MOUNTING SURFACE SIDE)



◆ RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS : 0.12mm

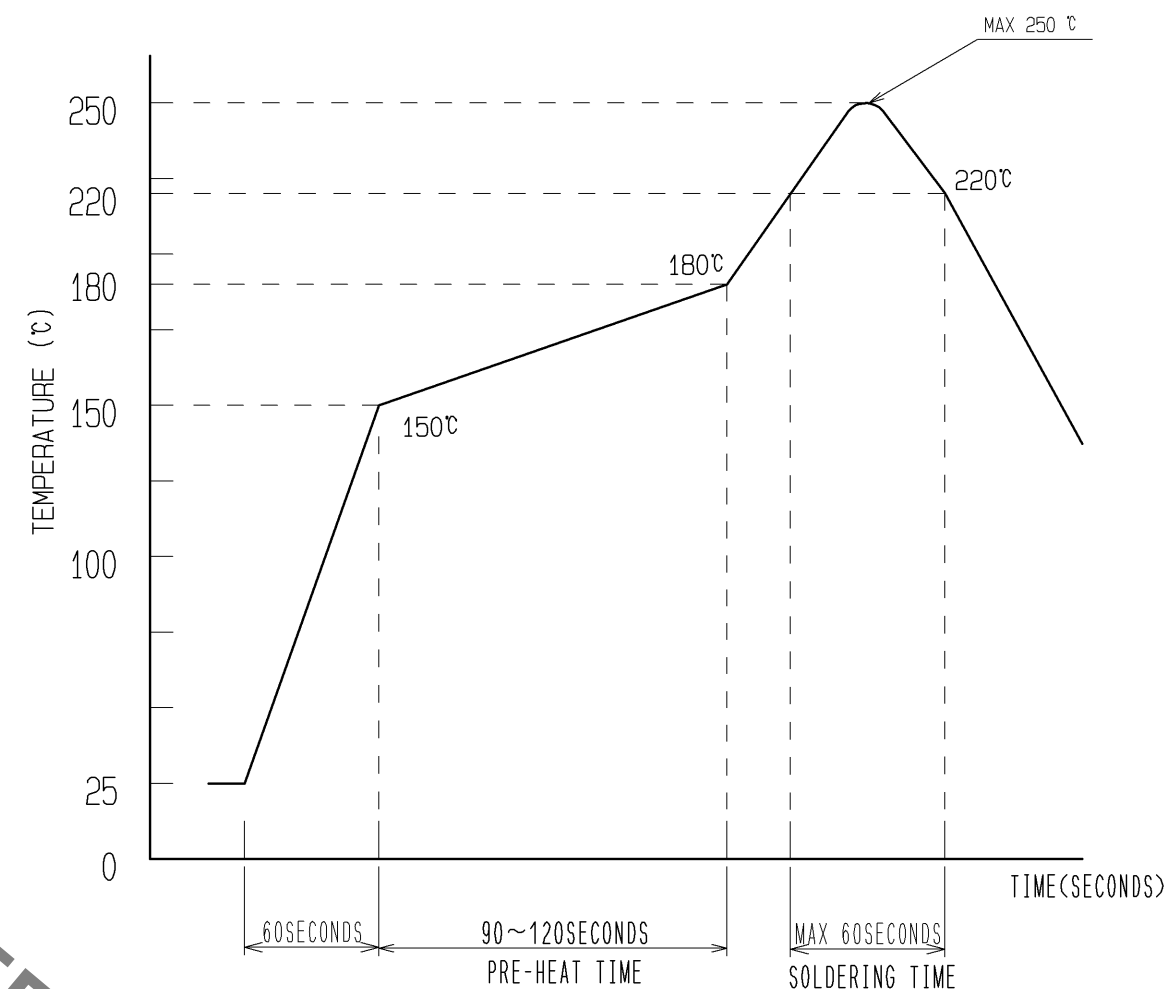


◆ RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS : 0.1mm



PART No.	C
DF37C-10DP-0.4V(75)	1.6
DF37C-16DP-0.4V(75)	2.8
DF37C-20DP-0.4V(75)	3.6
DF37C-24DP-0.4V(75)	4.4
DF37C-30DP-0.4V(75)	5.6
DF37C-34DP-0.4V(75)	6.4
DF37C-40DP-0.4V(75)	7.6
DF37C-44DP-0.4V(75)	8.4
DF37C-50DP-0.4V(75)	9.6
DF37C-60DP-0.4V(75)	11.6

4 RECOMMENDED REFLOW TEMPERATURE PLOFILE 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.	EDC3-314974-06
PART NO.	DF37C-*DP-0.4V(75)
CODE NO.	

