



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



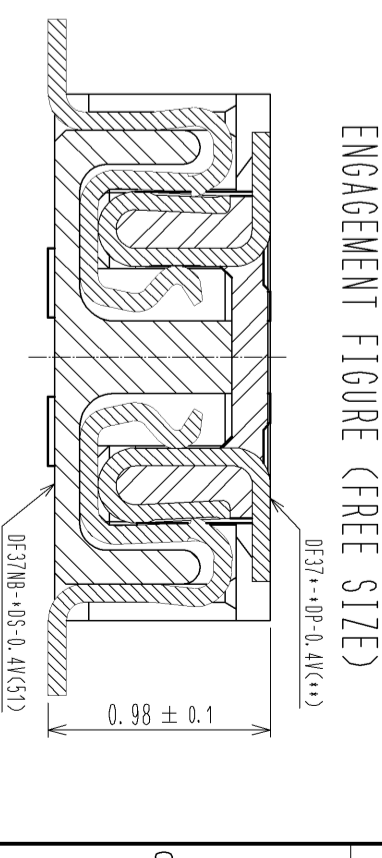
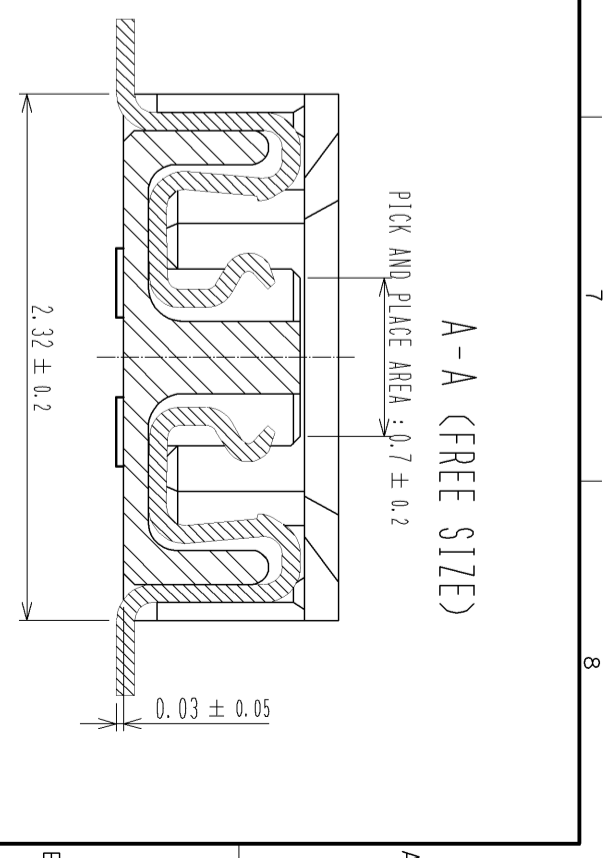
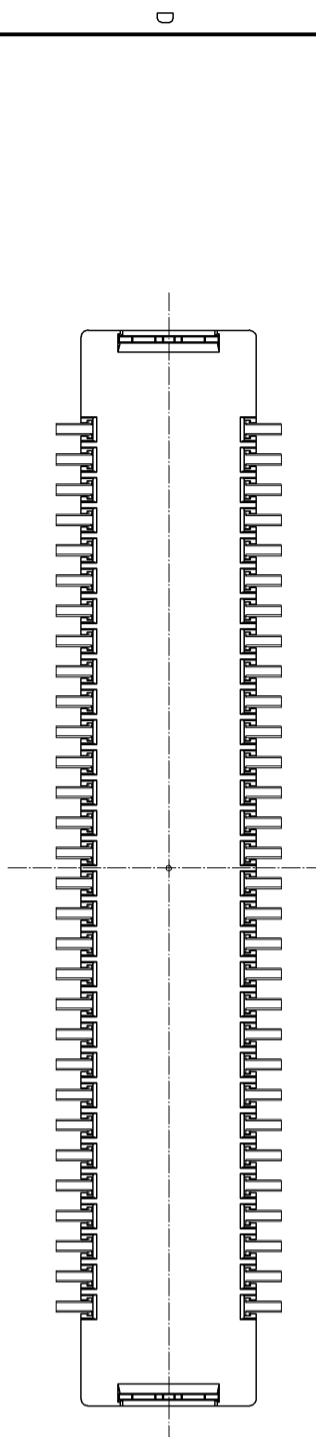
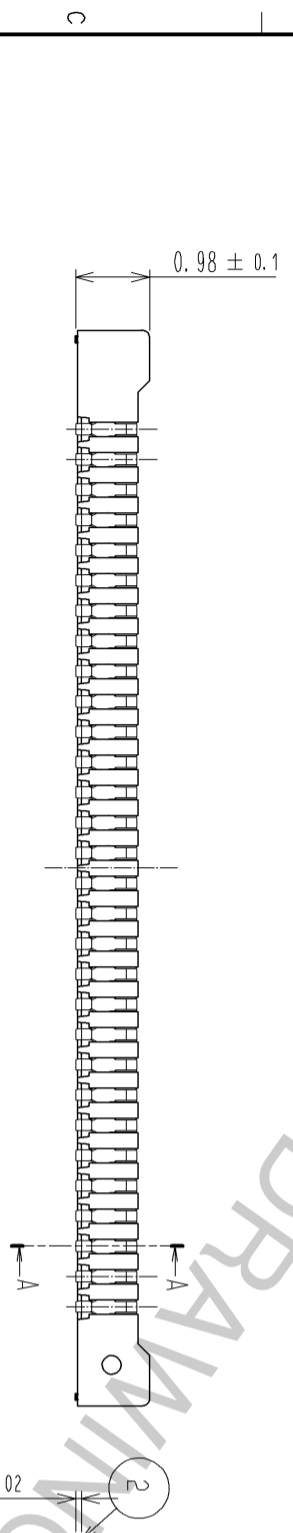
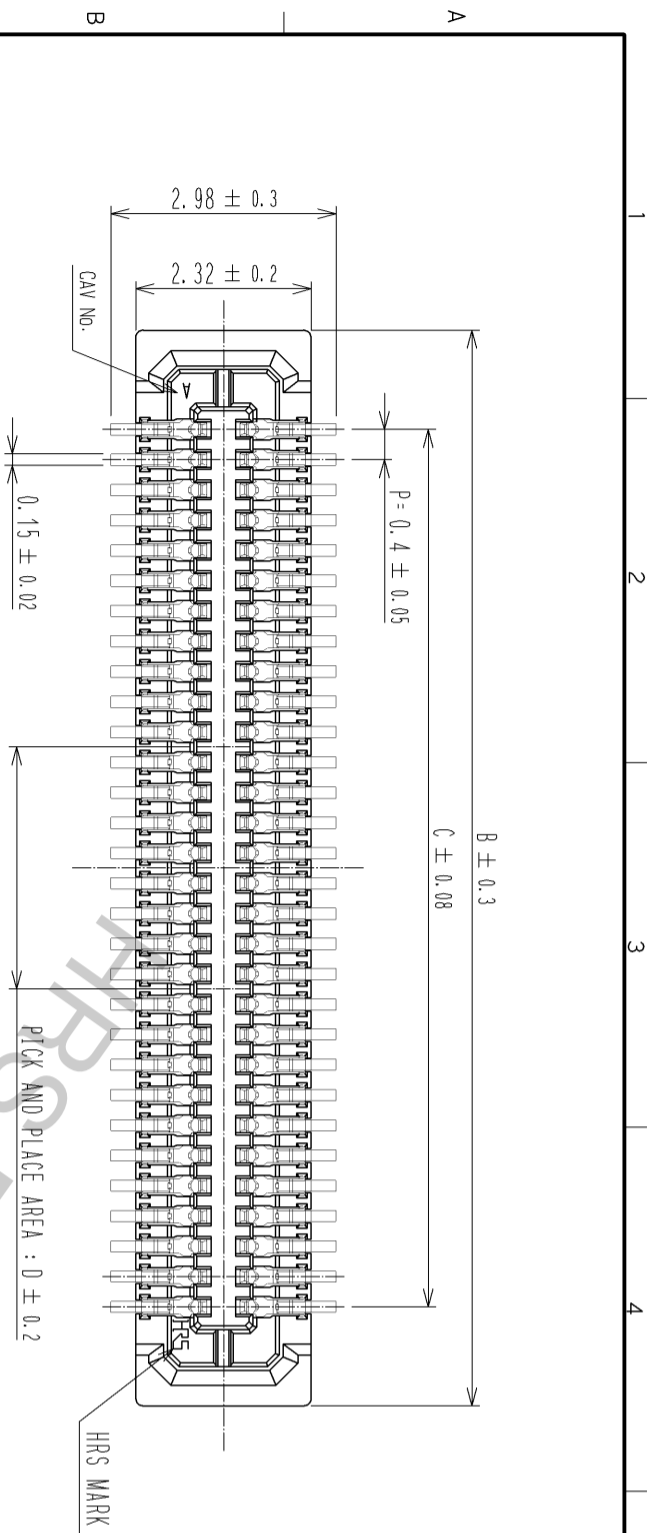
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





PART No.	CL No.	B	C	D
DF37NB-100S-0.4V(51)	CL684-3301-6-51	4.22	1.6	0.8
DF37NB-160S-0.4V(51)	CL684-3302-9-51	5.42	2.8	1.2
DF37NB-200S-0.4V(51)	CL684-3303-1-51	6.22	3.6	1.6
DF37NB-240S-0.4V(51)	CL684-3304-4-51	7.02	4.4	2.0
DF37NB-300S-0.4V(51)	CL684-3305-7-51	8.22	5.6	2.0
DF37NB-340S-0.4V(51)	CL684-3082-4-51	9.02	6.4	2.4
DF37NB-400S-0.4V(51)	CL684-3306-0-51	10.22	7.6	2.4
DF37NB-440S-0.4V(51)	CL684-3407-7-51	11.02	8.4	2.8
DF37NB-500S-0.4V(51)	CL684-3307-2-51	12.22	9.6	2.8
DF37NB-600S-0.4V(51)	CL684-3308-5-51	14.22	11.6	3.2
DF37NB-700S-0.4V(51)	CL684-3409-2-51	16.22	13.6	3.6
DF37NB-740S-0.4V(51)	CL684-3080-9-51	17.02	14.4	4.0

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

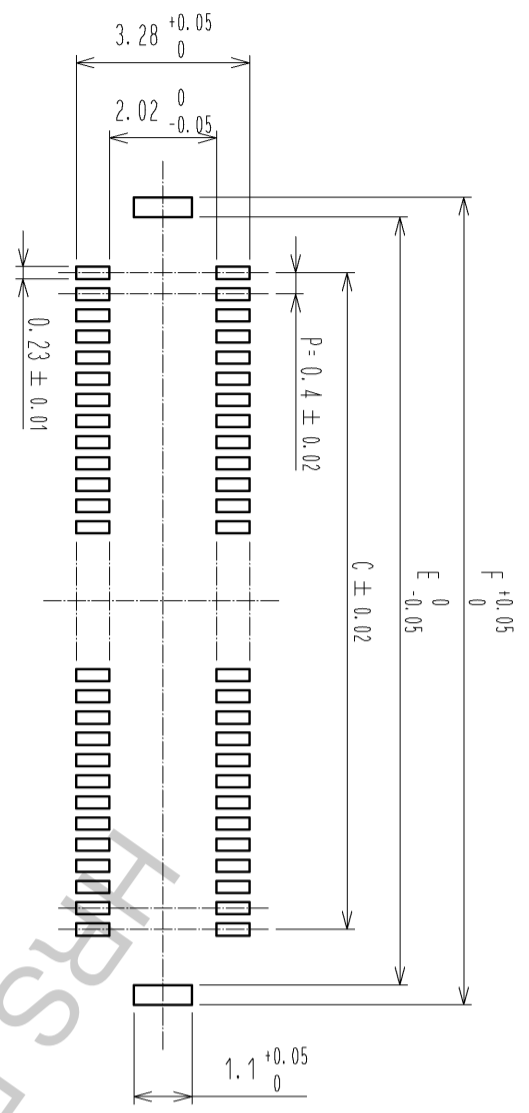
3	PHOSPHOR BRONZE	③	PS	PLASTIC REEL (BLACK)
2	PHOSPHOR BRONZE	②	PS	CLEAR(COVER TAPE)
1	LCP	UL94V-0, BLACK	PS	CLEAR(EMBOSSED CARRIER TAPE)

NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
3	PHOSPHOR BRONZE		5	POLYESTER	
2	PHOSPHOR BRONZE		4	PS	
1	LCP				

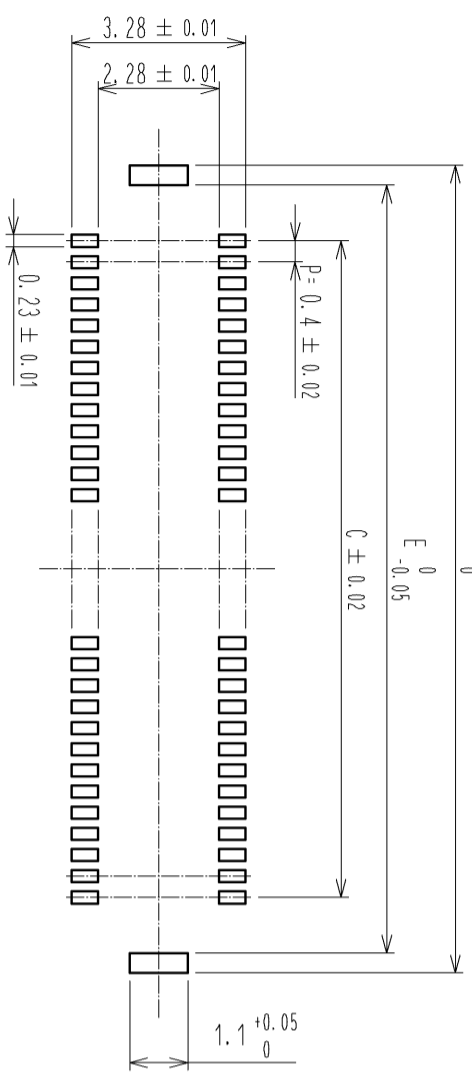
UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	FREE	3	DIS-H-005494	KR. AJITO	TS. MIYAZAKI	11.02.04

APPROVED	NO.	DRAWING	EDC3-319685-02
TS. MIYAZAKI	09.10.23	NO.	
RT. SHIMIZU	09.10.23	PART NO.	DF37NB-*DS-0.4V(51)
YU. SAKAMOTO	09.10.20	CODE NO.	

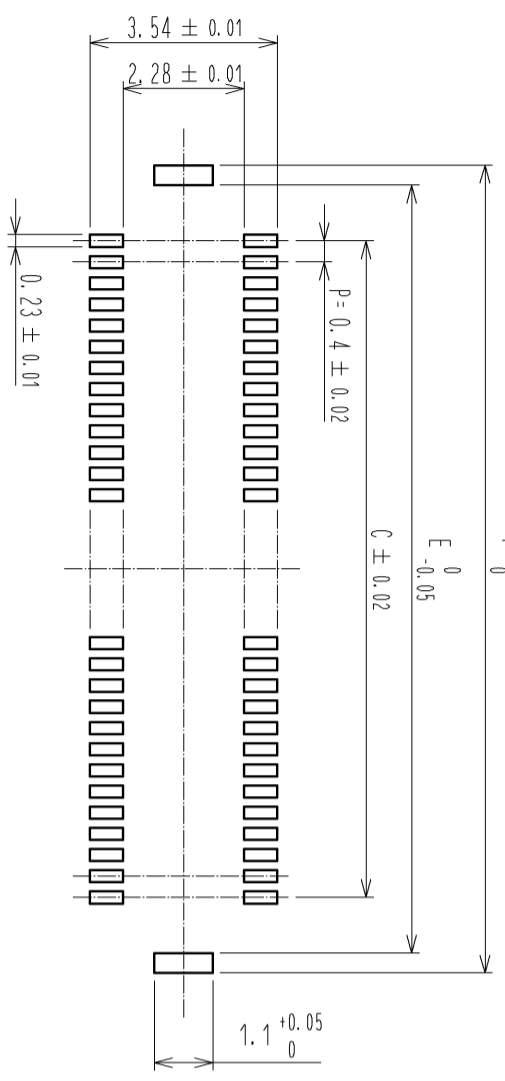
◆ RECOMMENDED PCB LAYOUT (MOUNTING SURFACE SIDE)



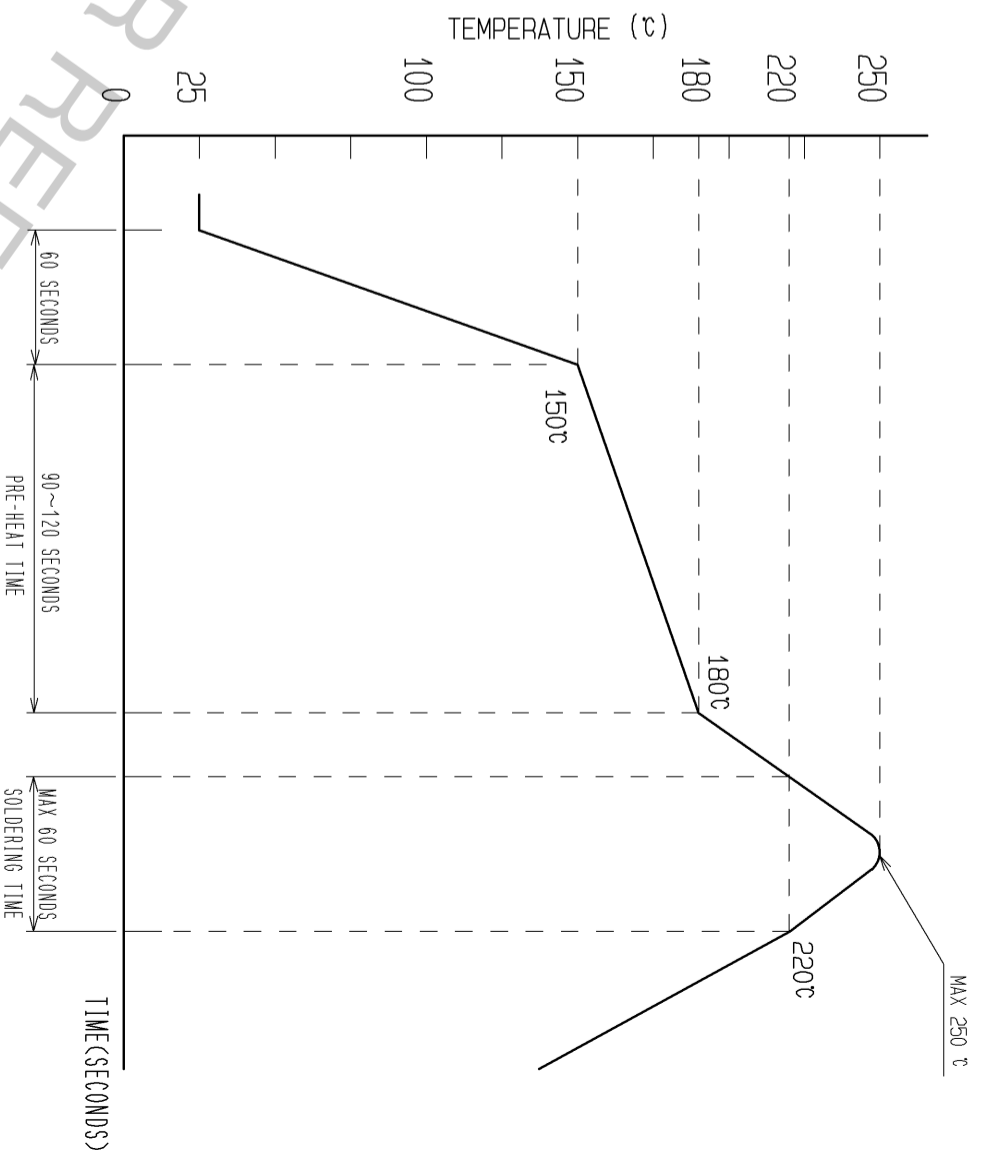
◆ RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS : 0.12mm



◆ 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.

PART No.	C	E	F
DF37NB-100S-0.4V(S1)	1.6	3.7	4.46
DF37NB-160S-0.4V(S1)	2.8	4.9	5.66
DF37NB-200S-0.4V(S1)	3.6	5.7	6.46
DF37NB-240S-0.4V(S1)	4.4	6.5	7.26
DF37NB-300S-0.4V(S1)	5.6	7.7	8.46
DF37NB-340S-0.4V(S1)	6.4	8.5	9.26
DF37NB-400S-0.4V(S1)	7.6	9.7	10.46
DF37NB-440S-0.4V(S1)	8.4	10.5	11.26
DF37NB-500S-0.4V(S1)	9.6	11.7	12.46
DF37NB-600S-0.4V(S1)	11.6	13.7	14.46
DF37NB-700S-0.4V(S1)	13.6	15.7	16.46
DF37NB-740S-0.4V(S1)	14.4	16.5	17.26

HR5

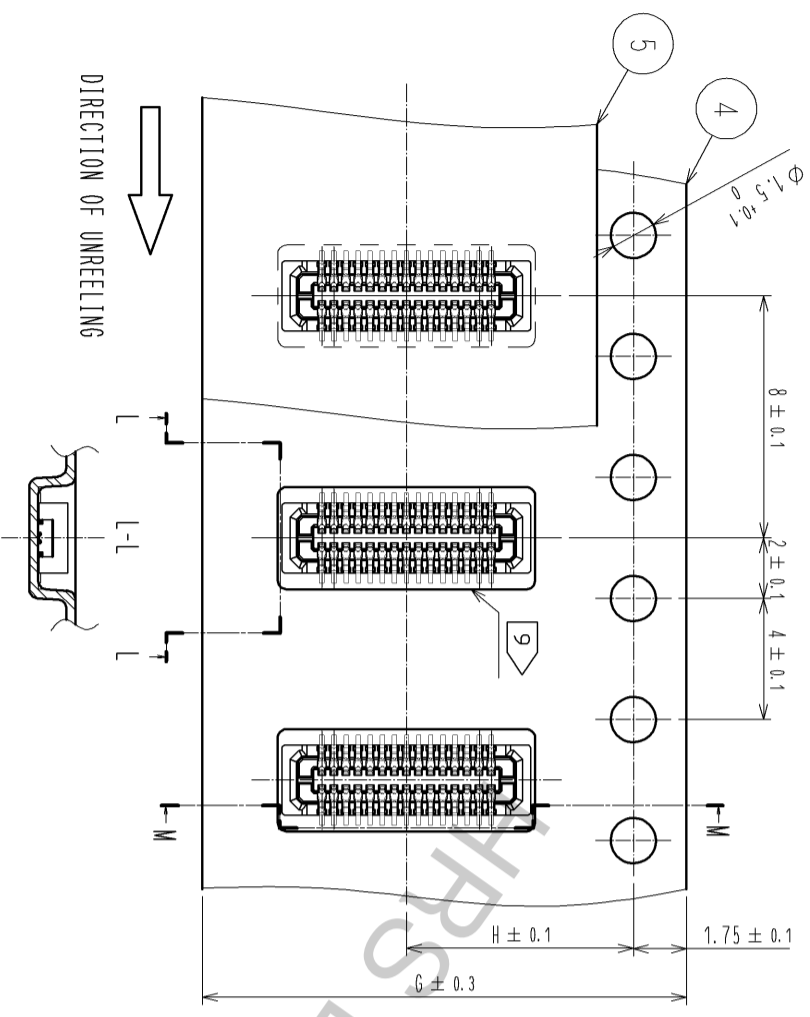
DRAWING NO. EDC3-319685-02

PART NO. DF37NB-*DS-0.4V(S1)

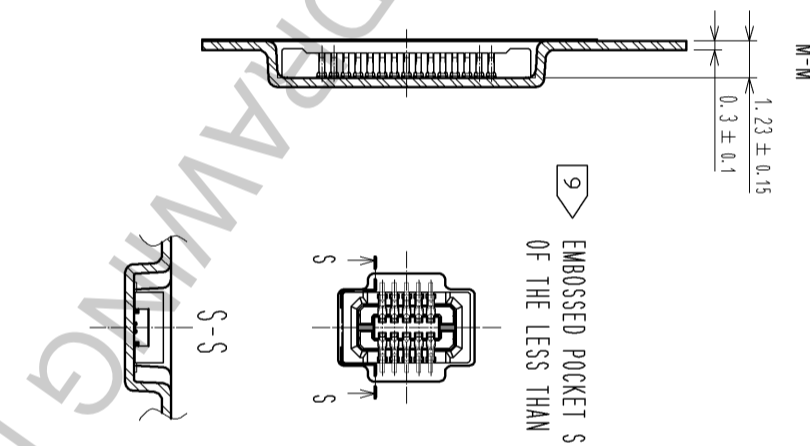
CODE NO. A/2/3

EMBOSSED CARRIER TAPE PACKAGING (FREE SIZE)

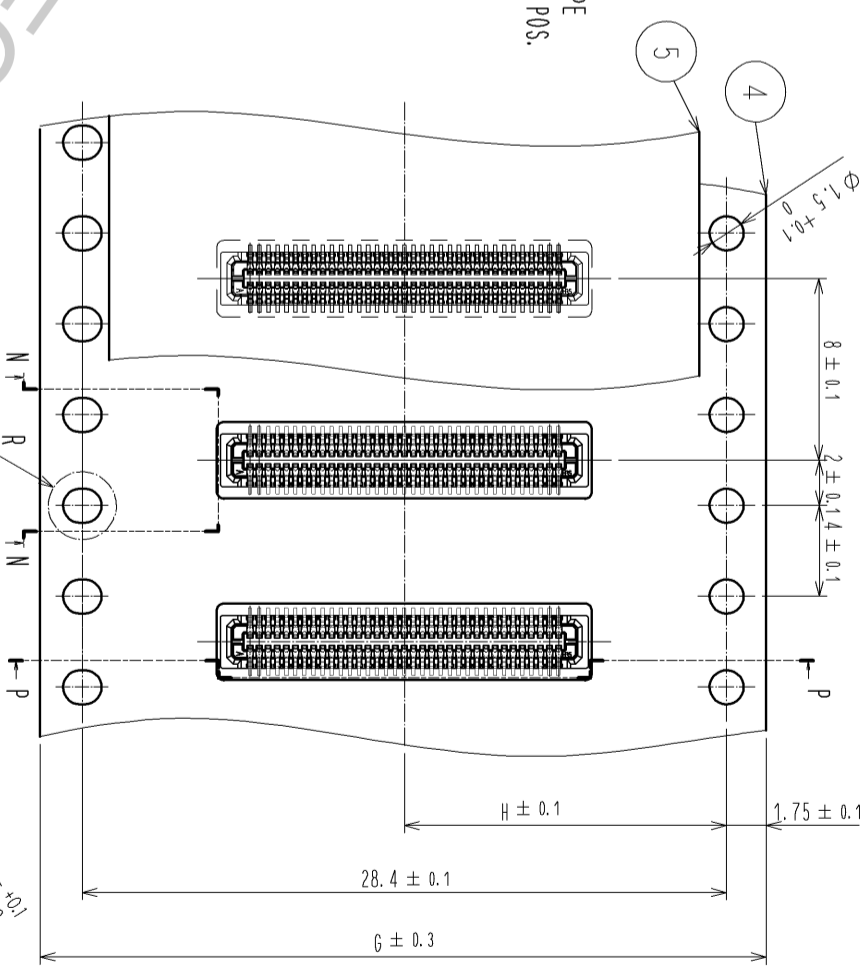
◆ UNDER 60POS.



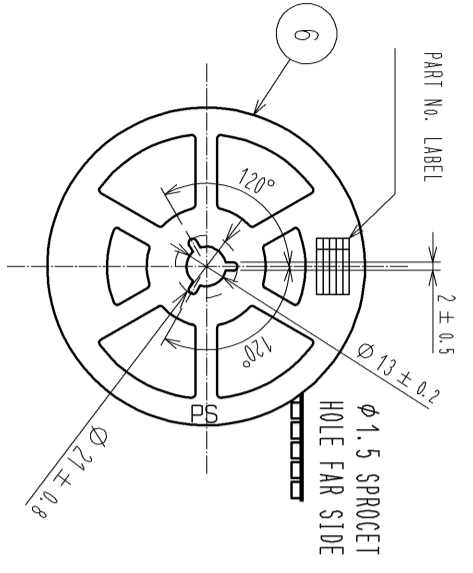
9 EMBOSSED POCKET SHAPE OF THE LESS THAN 20 POS.



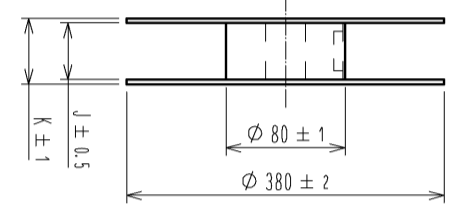
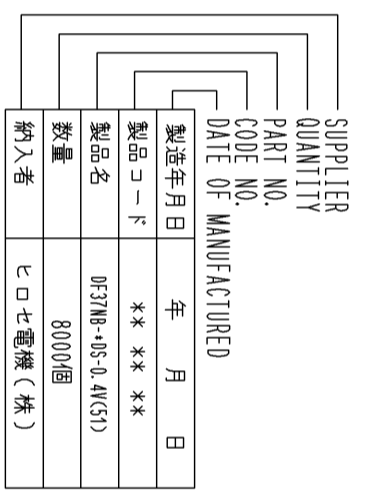
◆ 70 POS. AND ABOVE



STYLE AND DIMENSION OF REEL (FREE SIZE)

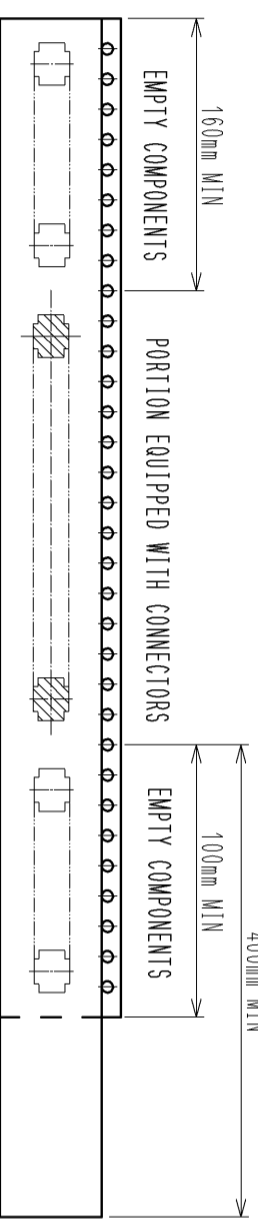


8 DETEIL OF PART NO. LABEL



PART No.	G	H	J	K
DF37NB-70DS-0.4V(S1)	16	7.5	17.5	21.5
DF37NB-16DS-0.4V(S1)	16	7.5	17.5	21.5
DF37NB-20DS-0.4V(S1)	16	7.5	17.5	21.5
DF37NB-24DS-0.4V(S1)	16	7.5	17.5	21.5
DF37NB-30DS-0.4V(S1)	24	11.5	25.5	29.5
DF37NB-34DS-0.4V(S1)	24	11.5	25.5	29.5
DF37NB-40DS-0.4V(S1)	24	11.5	25.5	29.5
DF37NB-44DS-0.4V(S1)	24	11.5	25.5	29.5
DF37NB-50DS-0.4V(S1)	24	11.5	25.5	29.5
DF37NB-60DS-0.4V(S1)	24	11.5	25.5	29.5
DF37NB-70DS-0.4V(S1)	32	14.2	37.5	33.5
DF37NB-74DS-0.4V(S1)	32	14.2	37.5	33.5

- NOTES 5. PER REEL 8000 CONNECTORS.
 6. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
 7. REFER TO JIS C 0806(PACKING OF COMPONENTS FOR AUTOMATIC HANDLING)
 8. DETAIL OF PART NO. LABEL IS WRITTEN IN JAPANESE.
 9. EMBOSSED POCKET OF LESS THAN 20 POS. SHALL BE CROSS.



DRRAWING NO. EDC3-319685-02
 PART NO. DF37NB-*DS-0.4V(S1)
HRS
 CODE NO. 3