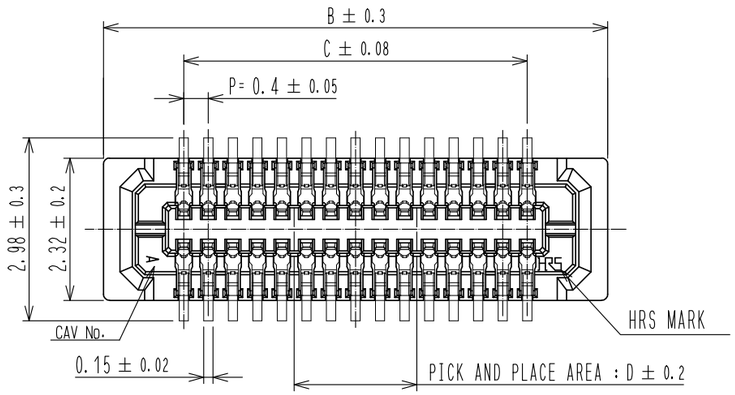
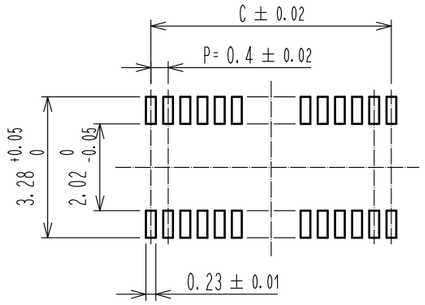
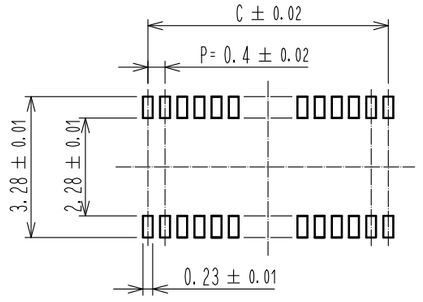
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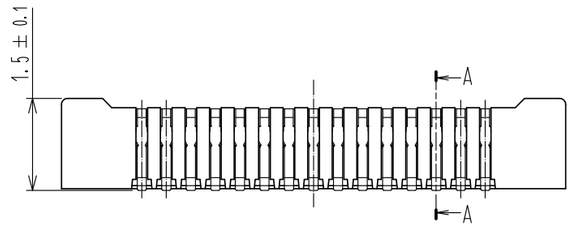


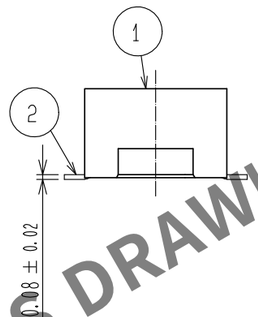
◆ RECOMMENDED PCB LAYOUT (MOUNTING SURFACE SIDE)



◆ RECOMMENDED METAL MASK DIMENSIONS METAL MASK THICKNESS : 0.12mm



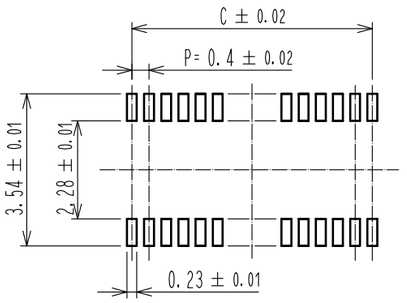




3 PART No.	CL No.	B	C	D
DF37NC(1.5)-10DS-0.4V(51)	—	4.22	1.6	0.8
DF37NC(1.5)-16DS-0.4V(51)	—	5.42	2.8	1.2
DF37NC(1.5)-20DS-0.4V(51)	—	6.22	3.6	1.6
DF37NC(1.5)-24DS-0.4V(51)	CL684-3603-5-51	7.02	4.4	2.0
DF37NC(1.5)-30DS-0.4V(51)	CL684-3604-8-51	8.22	5.6	2.0
DF37NC(1.5)-34DS-0.4V(51)	CL684-3618-0-51	9.02	6.4	2.4
DF37NC(1.5)-40DS-0.4V(51)	CL684-3606-3-51	10.22	7.6	2.4
DF37NC(1.5)-50DS-0.4V(51)	CL684-3610-0-51	12.22	9.6	2.8
DF37NC(1.5)-60DS-0.4V(51)	CL684-3613-9-51	14.22	11.6	3.2
DF37NC(1.5)-70DS-0.4V(51)	CL684-3614-1-51	16.22	13.6	3.6

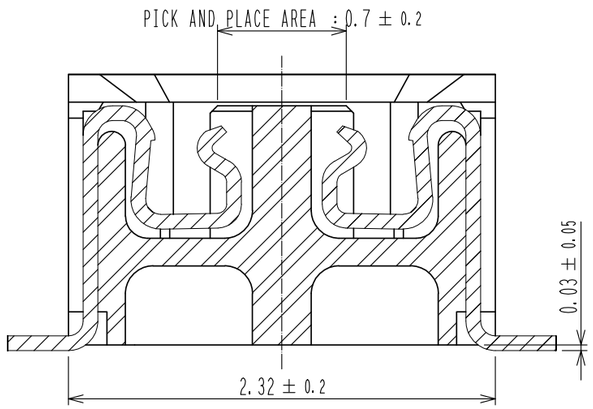
HRS DRAWING FOR REFERENCE

◆ RECOMMENDED METAL MASK DIMENSIONS METAL MASK THICKNESS : 0.1mm

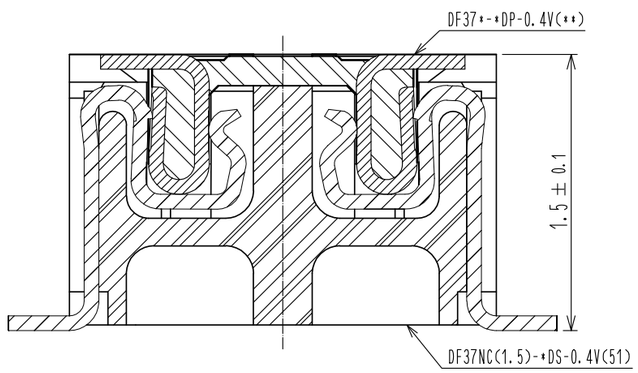


NOTE 1. ALL LEADS CO-PLANARITY SHALL BE 0.1mm MAX.
<2> CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD 0.05μm MIN.
SMT LEAD : GOLD 0.05μm MIN.
UNDERPLATING : NICKEL 1μm MIN.
(SURFACE : SEALING)

A-A (FREE SIZE)



ENGAGEMENT FIGURE (FREE SIZE)



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

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	FREE	<3>	1	DIS-H-00002725	YT. TAKAGI	TS. MIYAZAKI	17.09.28

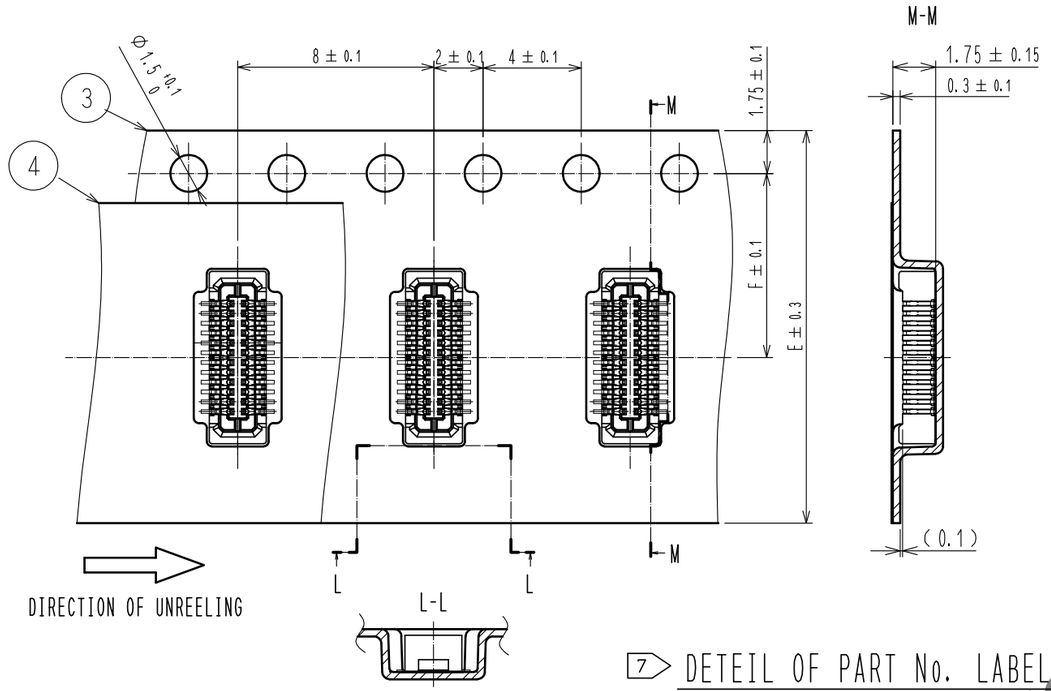
HIROSE ELECTRIC CO., LTD.

APPROVED	KH. IKEDA	11.09.16
CHECKED	TS. MIYAZAKI	11.09.16
DESIGNED	YK. SATAKE	11.09.15
DRAWN	YN. SAKAMOTO	11.09.15

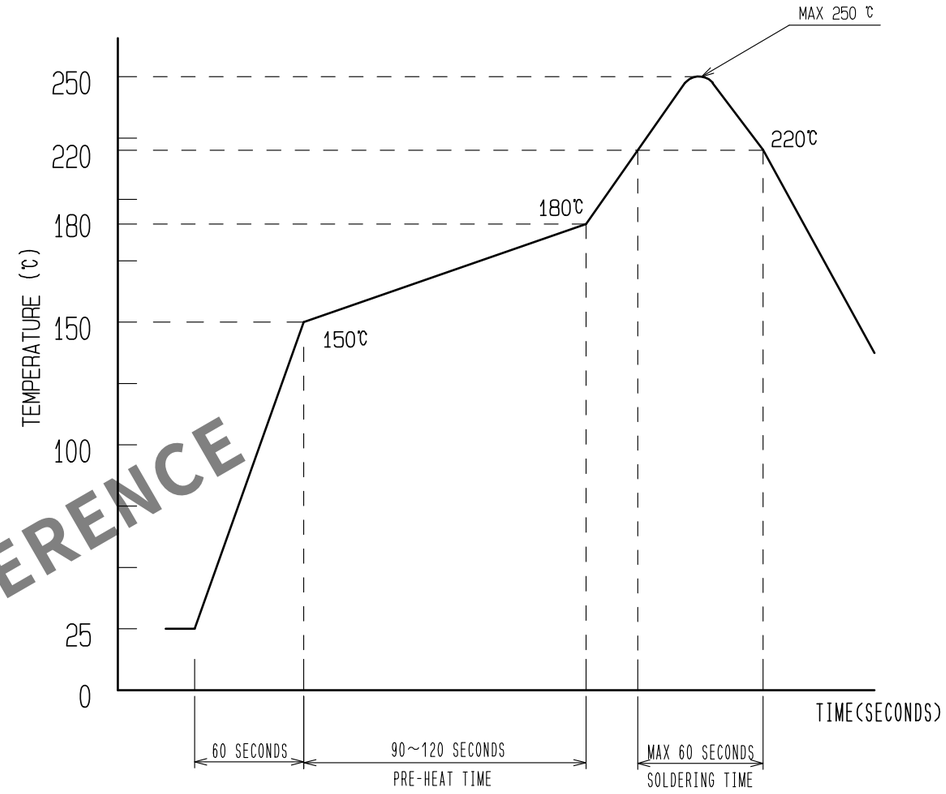
DRAWING NO.	EDC3-338647-01
PART NO.	DF37NC(1.5)-*DS-0.4V(51)
CODE NO.	CL684 <3>

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EMBOSSED CARRIER TAPE PACKAGING (FREE SIZE)



3 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 ℃, 60 SEC. MAX.
(PEAK TEMPERATURE: 250℃ MAX.)

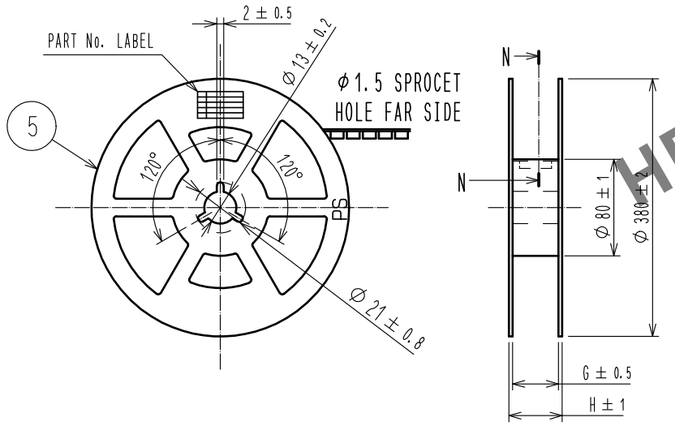
2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN) :150 ℃
PRE-HEAT TEMPERATURE(MAX) :180 ℃
PRE-HEAT TIME : 90~120 sec.

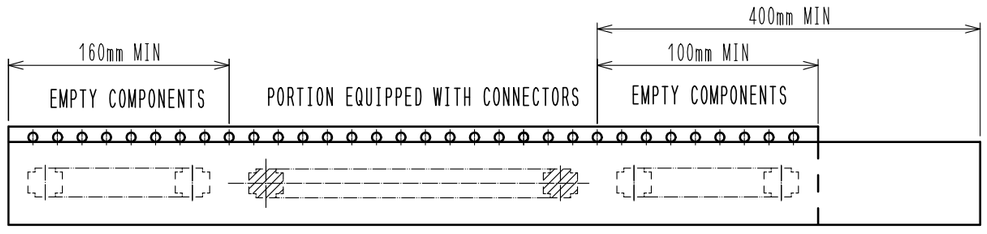
7 DETEIL OF PART No. LABEL

SUPPLIER
QUANTITY
PART NO.
CODE NO.
DATE OF MANUFACTURED

製造年月日	年 月 日
製品コード	** ** **
製品名	DF37NC(1.5)-*DS-0.4V(51)
数量	5000個
納入者	ヒロセ電機(株)

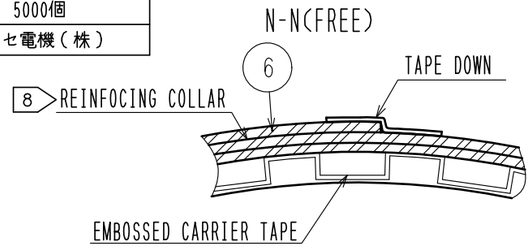
STYLE AND DIMENSION OF REEL (FREE SIZE)





6 TAPING(FREE)

N-N(FREE)



PART No.	E	F	G	H
DF37NC(1.5)-10DS-0.4V(51)	16	7.5	17.5	21.5
DF37NC(1.5)-16DS-0.4V(51)	16	7.5	17.5	21.5
DF37NC(1.5)-20DS-0.4V(51)	16	7.5	17.5	21.5
DF37NC(1.5)-24DS-0.4V(51)	16	7.5	17.5	21.5
DF37NC(1.5)-30DS-0.4V(51)	24	11.5	25.5	29.5
DF37NC(1.5)-34DS-0.4V(51)	24	11.5	25.5	29.5
DF37NC(1.5)-40DS-0.4V(51)	24	11.5	25.5	29.5
DF37NC(1.5)-50DS-0.4V(51)	24	11.5	25.5	29.5
DF37NC(1.5)-60DS-0.4V(51)	24	11.5	25.5	29.5
DF37NC(1.5)-70DS-0.4V(51)	32	14.2	33.5	37.5

NOTES 3 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.

4. PER REEL 5000 CONNECTORS.
5. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
6 REFER TO JIS C 0806(PACKING OF COMPONENTS FOR AUTOMATIC HANDOLING)
7 DETAIL OF PART NO. LABEL IS WRITTEN IN JAPANESE.
8 AFTER FINISHING THE REELING, COVER THE SURFACE WITH 2 METERS OF REINFORCING COLLAR AND THE DOWN AT THE END.

HRS DRAWING FOR REFERENCE

DRAWING NO.	EDC3-338647-01
PART NO.	DF37NC(1.5)-*DS-0.4V(51)
CODE NO.	CL684

3