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In case that the application demands a high level of reliability, such as automotive,
please contact a company representative for further information.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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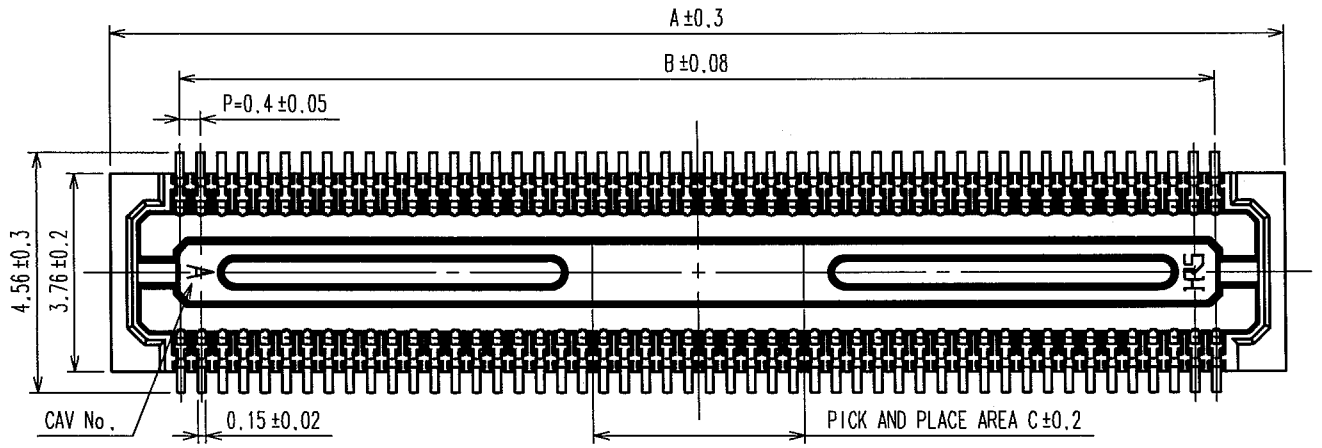
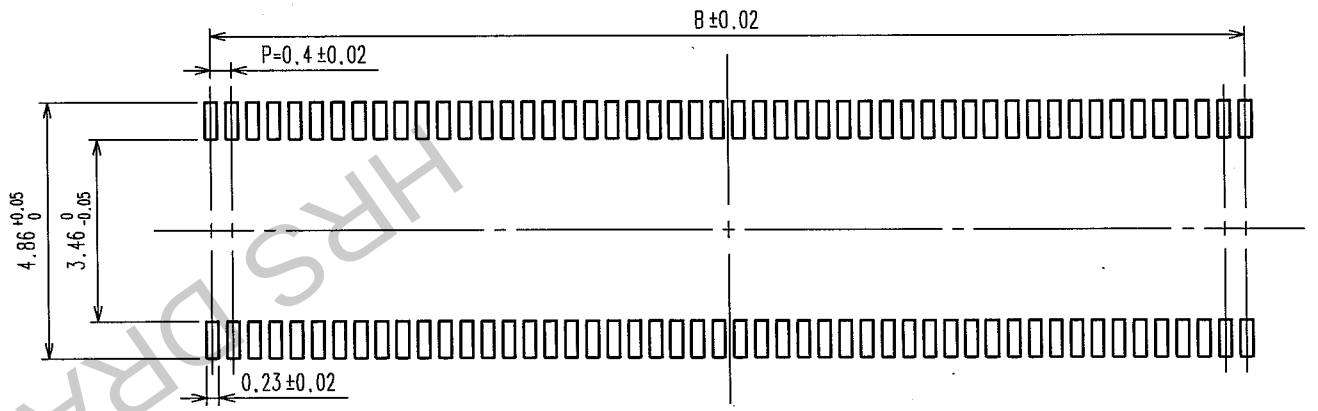
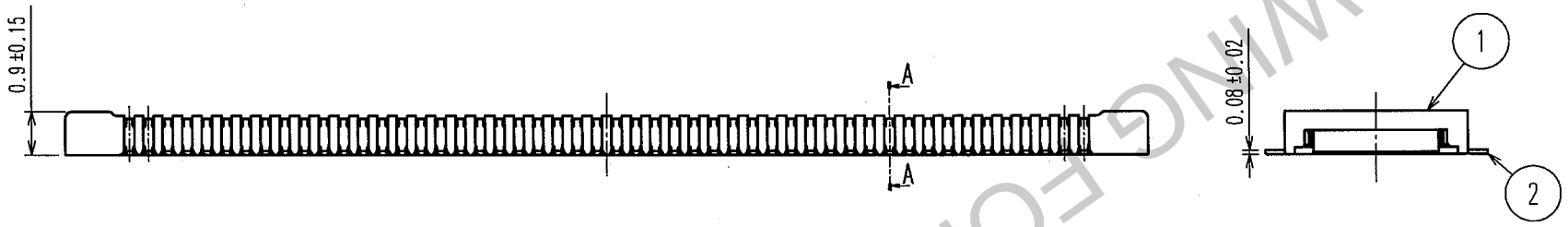
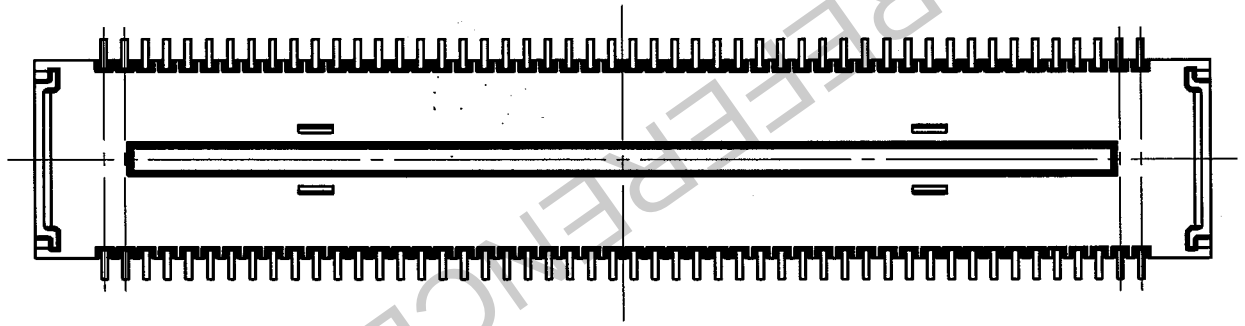


RECOMMENDED PATTERN

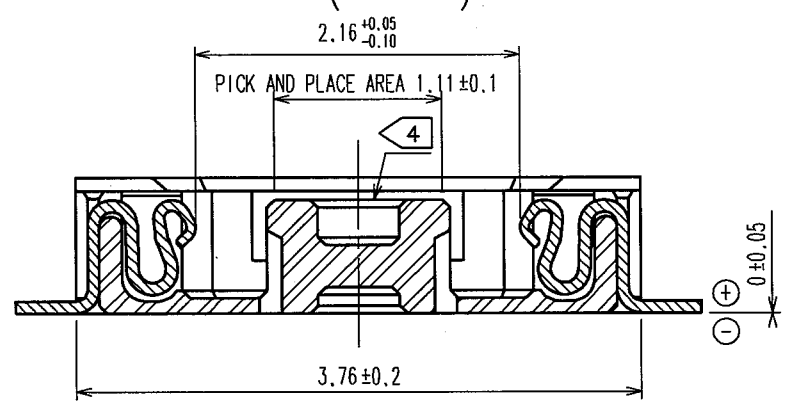


RECOMMENDED SOLDER PASTE:THICKNESS 120μm





A-A(20:1)



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 POCKETS.
4 NO CAVITY ON THE CONNECTORS LESS THAN 24 POS.
5 CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD 0.05μm MIN.
SMT LEAD : GOLD 0.02μm MIN.
UNDERPLATING : NICKEL 1μm MIN.
(SURFACE : SEALING)

PART NO.	CODE NO.	A	B	C
DF30FC-80DS-0.4V(82)	CL684-1116-3-82	18.22	15.6	3.2
DF30FC-70DS-0.4V(82)	CL684-1115-0-82	16.22	13.6	2.8
DF30FC-60DS-0.4V(82)	CL684-1082-3-82	14.22	11.6	2.4
DF30FC-50DS-0.4V(82)	CL684-1114-8-82	12.22	9.6	2
DF30FC-40DS-0.4V(82)	CL684-1078-6-82	10.22	7.6	1.6
DF30FC-34DS-0.4V(82)	CL684-1113-5-82	9.02	6.4	1.36
DF30FC-30DS-0.4V(82)	CL684-1112-2-82	8.22	5.6	1.2
DF30FC-24DS-0.4V(82)	CL684-1111-0-82	7.02	4.4	1.2
DF30FC-22DS-0.4V(82)	CL684-1110-7-82	6.62	4.0	1.2
DF30FC-20DS-0.4V(82)	CL684-1109-8-82	6.22	3.6	1.2

NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
2	PHOSPHOR BRONZE	5	4	POLYESTER	CLEAR(COVER TAPE)
1	LCP	UL94V-0,BLACK	3	PS	CLEAR(EMBOSSED CARRIER TAPE)

CODE NO.(OLD)	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	T.NISHI 040825	K.Nishikawa '04.08.25	K.Ikeda '04.08.25	T.Ono '04.08.25	. .

SCALE	DRAWING NO.	PART NO.
FREE	EDC3-303556-05	DF30FC-*DS-0.4V(82)
UNITS mm	HIROSE ELECTRIC CO., LTD	CODE NO. CL684-****-*-82 1/2

TO

FORM NO.229

HRS DRAWING FOR REFERENCE

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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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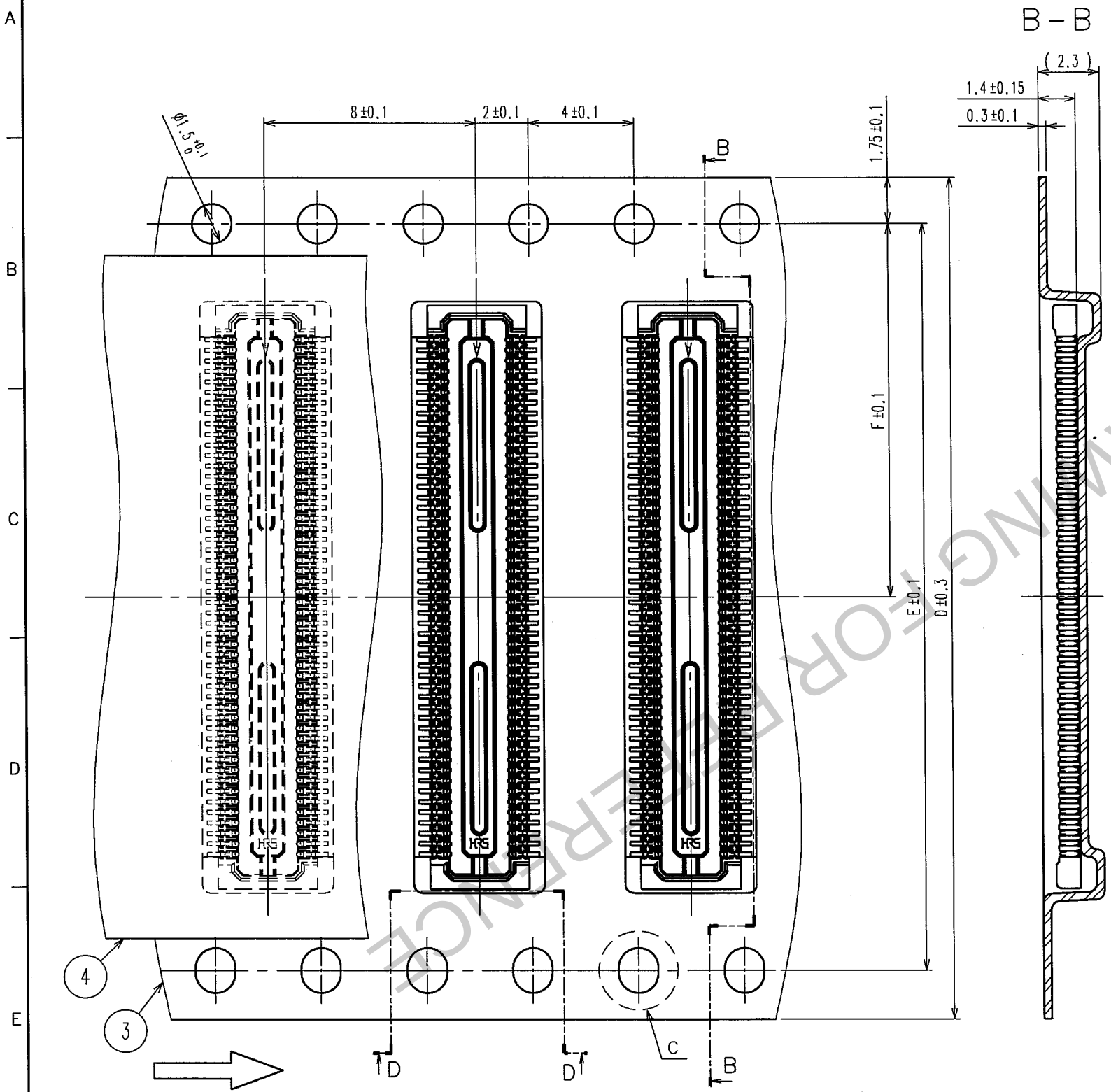
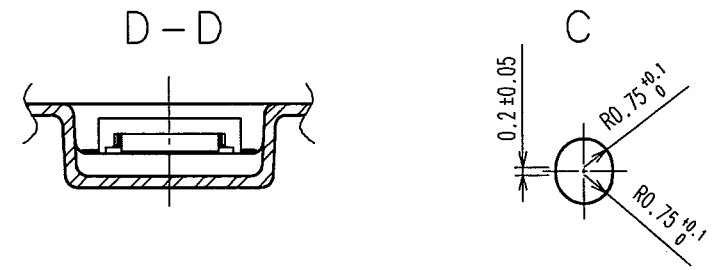
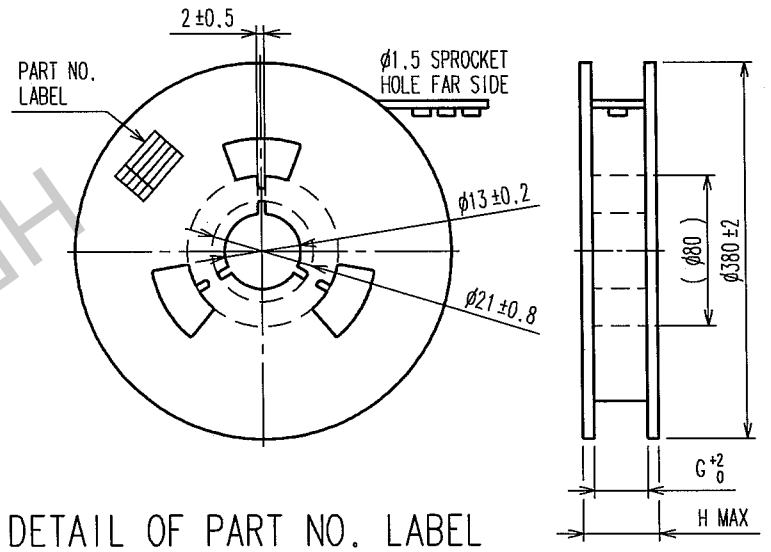
△				. .	△				. .
△				. .	△				. .





STYLE AND DIMENSION OF REEL (FREE)



DETAIL OF PART NO. LABEL

生産月日	年　月　日
図番	CL684-****-*-82
品名	DF30FC-*DS-0.4V(82)
納入数量	1000個
納入者	ヒロセ電機（株）

PART NO.		D	E	F	G	H
DF30FC-80DS-0.4V(82)	CL684-1116-3-82	32	28.4	14.2	32.4	38.4
DF30FC-70DS-0.4V(82)	CL684-1115-0-82	24	–	11.5	24.4	30.4
DF30FC-60DS-0.4V(82)	CL684-1082-3-82	24	–	11.5	24.4	30.4
DF30FC-50DS-0.4V(82)	CL684-1114-8-82	24	–	11.5	24.4	30.4
DF30FC-40DS-0.4V(82)	CL684-1078-6-82	24	–	11.5	24.4	30.4
DF30FC-34DS-0.4V(82)	CL684-1113-5-82	16	–	7.5	16.4	22.4
DF30FC-30DS-0.4V(82)	CL684-1112-2-82	16	–	7.5	16.4	22.4
DF30FC-24DS-0.4V(82)	CL684-1111-0-82	16	–	7.5	16.4	22.4
DF30FC-22DS-0.4V(82)	CL684-1110-7-82	16	–	7.5	16.4	22.4
DF30FC-20DS-0.4V(82)	CL684-1109-8-82	16	–	7.5	16.4	22.4

TO

CODE NO.(OLD)	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	T.NISHI 040825	K.Midorikawa '04.08.25	K.Ikeda '04.08.25	T.Ono '04.08.25	. .

SCALE 5 : 1 UNITS mm	DRAWING NO. EDC3-303556-05 HRS HIROSE ELECTRIC CO., LTD	PART NO. DF30FC-*DS-0.4V(82) CODE NO. CL684-****-*-82 2/2

FORM NO.229 NC

HRS DRAWING FOR REFERENCE