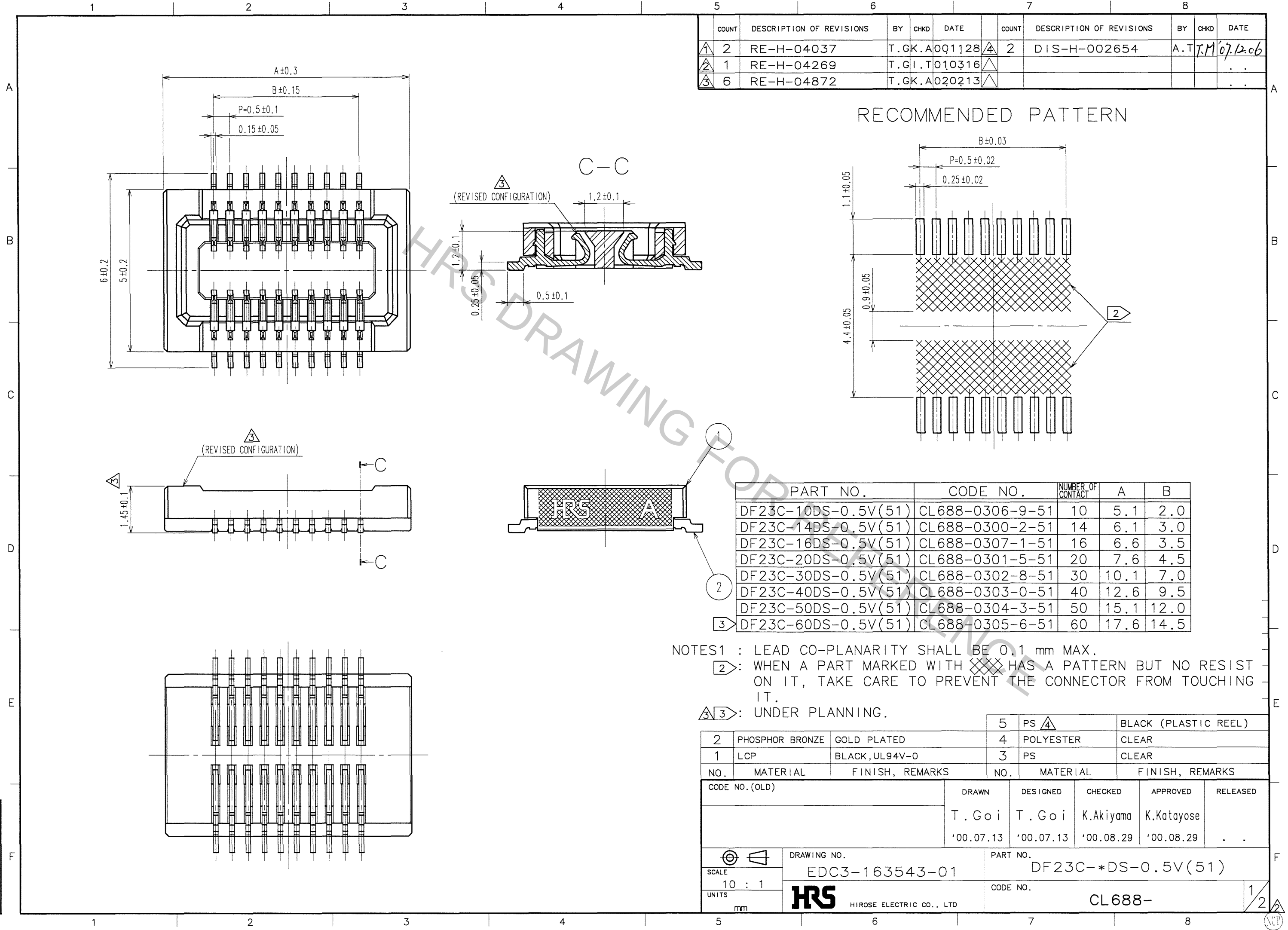


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In case that the application demands a high level of reliability, such as automotive,
please contact a company representative for further information.

TO



COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
2	RE-H-04037	T.GK.A001128			2	DIS-H-002654	A.T	T.M	07.12.06
1	RE-H-04269	T.GI.T010316							
6	RE-H-04872	T.GK.A020213							

RECOMMENDED PATTERN

PART NO.	CODE NO.	NUMBER OF CONTACT	A	B
DF23C-10DS-0.5V(51)	CL688-0306-9-51	10	5.1	2.0
DF23C-14DS-0.5V(51)	CL688-0300-2-51	14	6.1	3.0
DF23C-16DS-0.5V(51)	CL688-0307-1-51	16	6.6	3.5
DF23C-20DS-0.5V(51)	CL688-0301-5-51	20	7.6	4.5
DF23C-30DS-0.5V(51)	CL688-0302-8-51	30	10.1	7.0
DF23C-40DS-0.5V(51)	CL688-0303-0-51	40	12.6	9.5
DF23C-50DS-0.5V(51)	CL688-0304-3-51	50	15.1	12.0
DF23C-60DS-0.5V(51)	CL688-0305-6-51	60	17.6	14.5

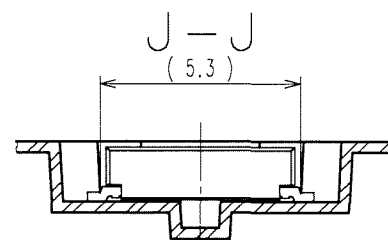
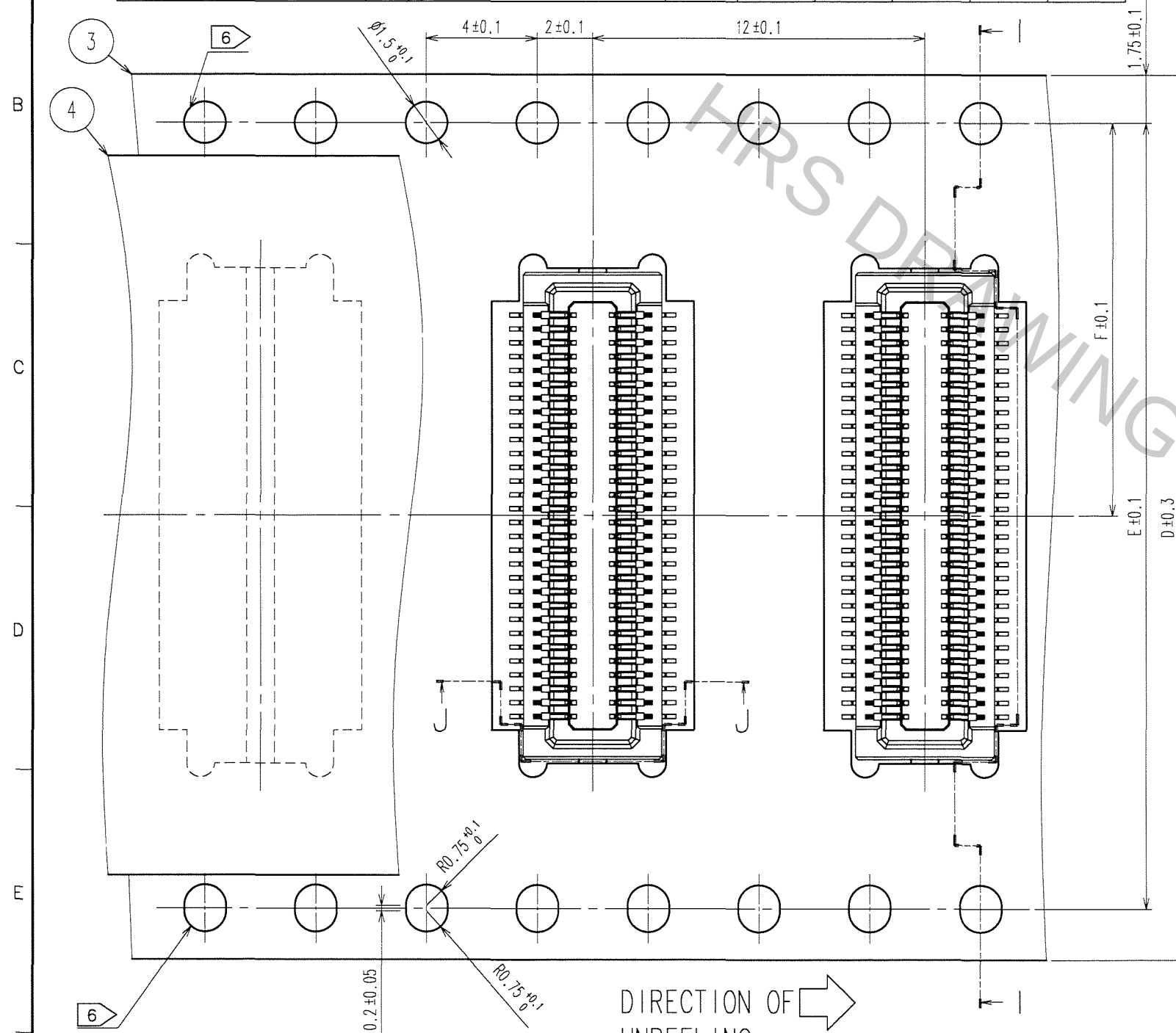
NOTES1 : LEAD CO-PLANARITY SHALL BE 0.1 mm MAX.
2 : WHEN A PART MARKED WITH XXXX HAS A PATTERN BUT NO RESIST ON IT, TAKE CARE TO PREVENT THE CONNECTOR FROM TOUCHING IT.
3 : UNDER PLANNING.

2	PHOSPHOR BRONZE	GOLD PLATED	5	PS	4	BLACK (PLASTIC REEL)
1	LCP	BLACK,UL94V-0	4	POLYESTER		CLEAR
			3	PS		CLEAR

NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
CODE NO. (OLD)			DRAWN	DESIGNED	CHECKED
			T. Goi	T. Goi	K. Akiyama
			'00.07.13	'00.07.13	'00.08.29
					K. Katayose
					'00.08.29

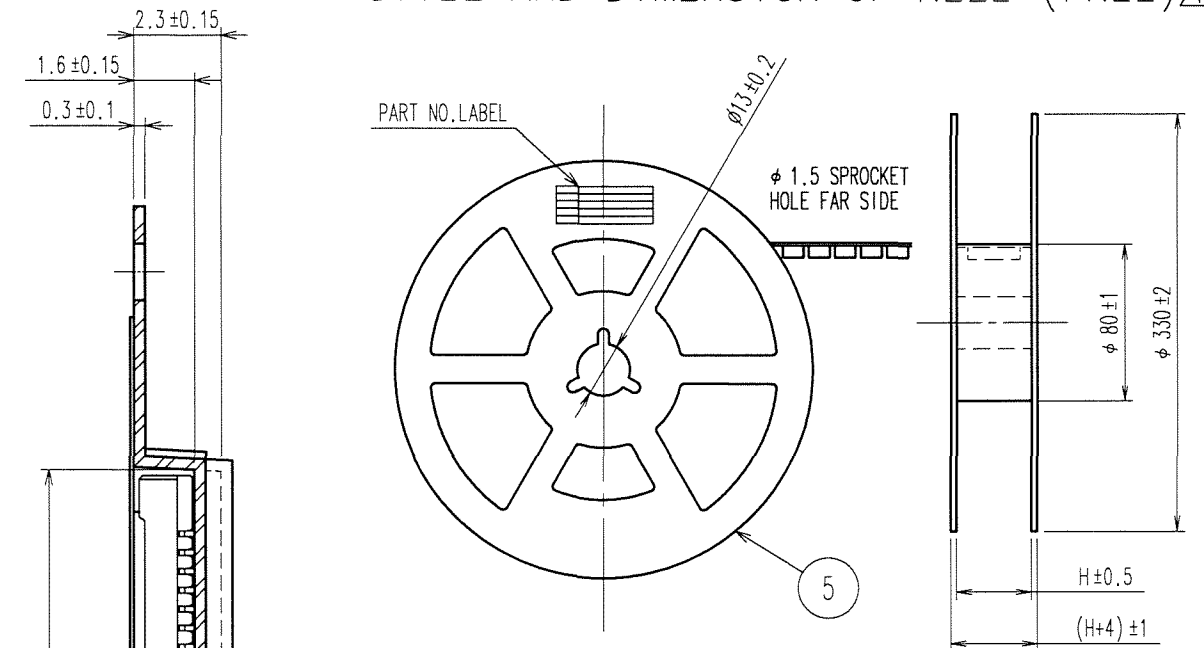
SCALE	DRAWING NO.	PART NO.
10 : 1	EDC3-163543-01	DF23C-*DS-0.5V(51)
UNITS	HIROSE ELECTRIC CO., LTD	CODE NO.
mm		CL688-

	PART NO.	CODE NO.	NUMBER OF CONTACT	D	E	F	G	H
△	DF23C-10DS-0.5V(51)	CL688-0306-9-51	10	12.0	—	5.5	5.4	12.4
	DF23C-14DS-0.5V(51)	CL688-0300-2-51	14	16.0	—	7.5	6.4	16.4
△	DF23C-16DS-0.5V(51)	CL688-0307-1-51	16	16.0	—	7.5	6.9	16.4
	DF23C-20DS-0.5V(51)	CL688-0301-5-51	20	16.0	—	7.5	7.9	16.4
	DF23C-30DS-0.5V(51)	CL688-0302-8-51	30	24.0	—	11.5	10.4	24.4
	DF23C-40DS-0.5V(51)	CL688-0303-0-51	40	24.0	—	11.5	12.9	24.4
	DF23C-50DS-0.5V(51)	CL688-0304-3-51	50	24.0	—	11.5	15.4	24.4
3	DF23C-60DS-0.5V(51)	CL688-0305-6-51	60	32.0	28.4	14.2	17.9	32.4



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

STYLE AND DIMENSION OF REEL (FREE)



7 DETAIL OF PART NO. LABEL

DATE OF MANUFACTURED	** * *
CODE NO.	CL688-*****-51
PART NO.	DF23C-DS-0.5V(51)
QUANTITY	2000
SUPPLIER	HIROSE ELECTRIC CO., LTD.

NOTE 4 : 1 REEL: 2000 CONNECTORS

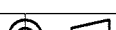
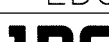
NOTE 1 : 1 REEL 2000 CONNECTORS
 5 : AT THE BEGINNING OF REEL, 30 COMPONENTS ARE EMPTY.

AT THE END OF REEL, 20 COMPONENTS ARE EMPTY.

36: WHEN TAPE WIDTH IS 12 TO 24 mm, SPROCKET HOLES ARE PUNCHED IN UPPER SIDE OF REEL.

WHEN TAPE WIDTH IS 32 mm, SPROCKET HOLES ARE PUNCHED IN BOTH SIDE OF REEL AS SHOWN ON THIS DRAWING.

7: DETAIL OF PART NO. LABEL IS WRITTEN IN JAPANESE.

CODE NO. (OLD)		DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
		T. Goi	T. Goi	K. Akiyama	K. Katayose	
		'00.07.13	'00.07.13	'00.08.29	'00.08.29	. .
	DRAWING NO.		PART NO.			
	EDC3-163543-01		DF23C-*DS-0.5V(51)			
SCALE	 HIROSE ELECTRIC CO., LTD		CODE NO.			2
5 : 1						
UNITS			CL688-			