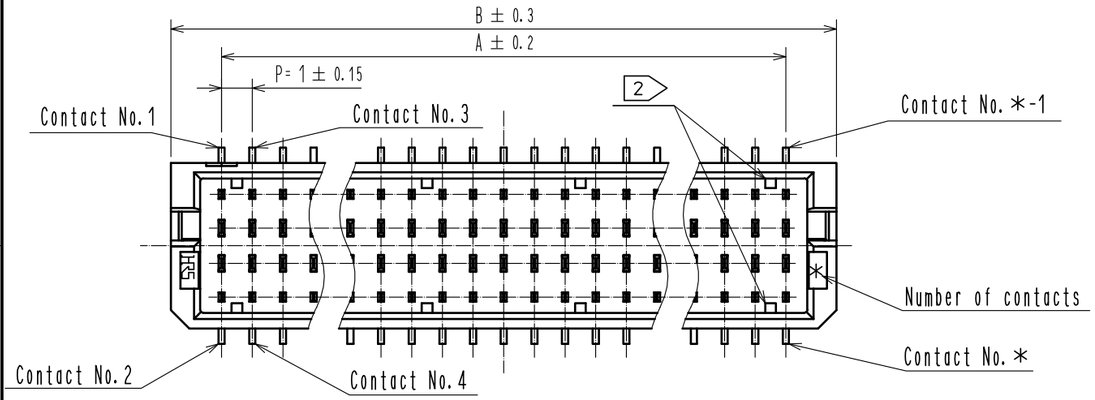
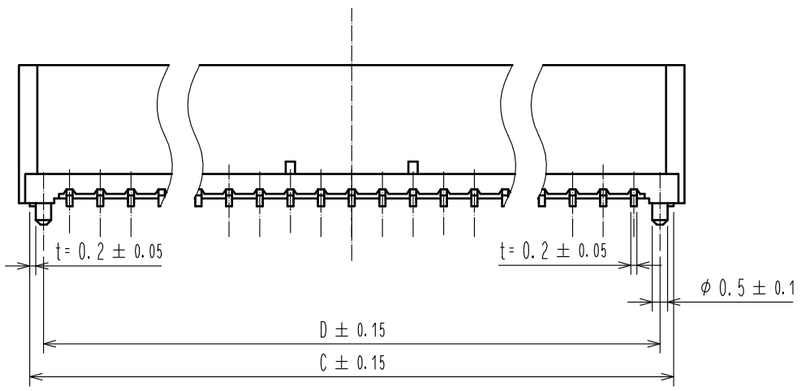
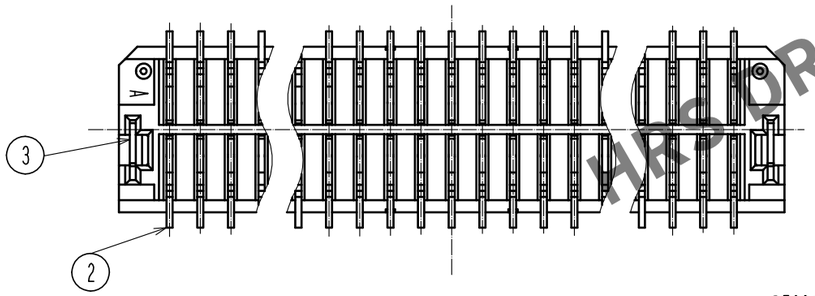
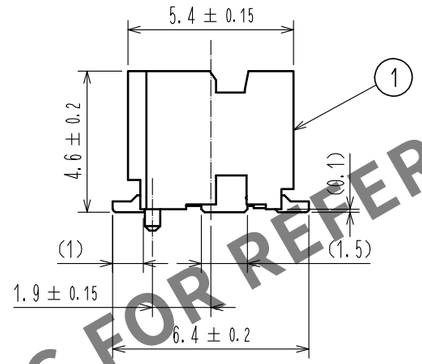
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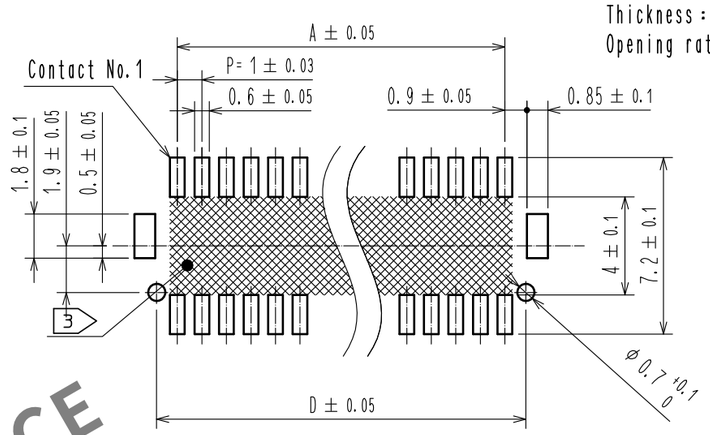








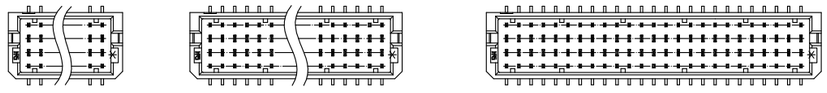
Recommended PCB Layout (Free)



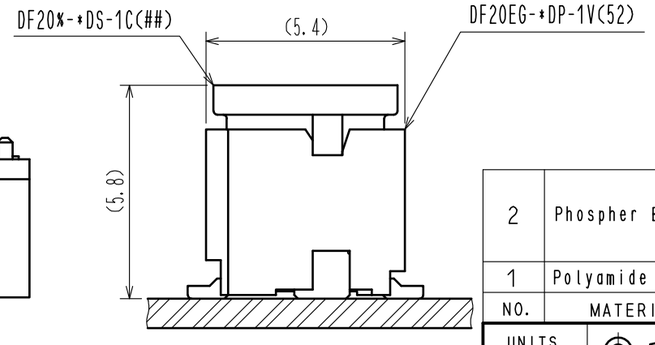
Recommended Metal Mask
Thickness : 0.15mm
Opening ratio : 100%

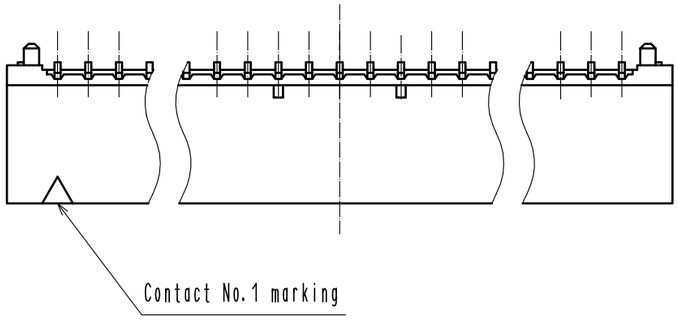
Part No.	HRS No.	Number of contacts	A	B	C	D
DF20EG-10DP-1V(52)	CL686-0059-0-52	10	4.0	7.3	6.6	5.7
DF20EG-20DP-1V(52)	CL686-0060-0-52	20	9.0	12.3	11.6	10.7
DF20EG-30DP-1V(52)	CL686-0061-0-52	30	14.0	17.3	16.6	15.7
DF20EG-40DP-1V(52)	CL686-0062-0-52	40	19.0	22.3	21.6	20.7
DF20EG-50DP-1V(52)	CL686-0054-0-52	50	24.0	27.3	26.6	25.7

2 The Number and Position of Ribs



Mated Figure (Free)





Notes 1. Lead Co-Planarity shall be 0.1mm Max including metal reinforced fitting.
2 The number and position of ribs are indicated for number of contacts.
3 Keep a pattern out of ▨ area. It prevents from electric short.

NO.	MATERIAL	FINISH , REMARKS
2	Phosphor Bronze	Contact area : Gold plated 0.2μm Min Lead area : Gold plated 0.015μm Min Under plating : Nickel plated 2μm Min
1	Polyamide	Natural (Beige), UL94V-0

NO.	MATERIAL	FINISH , REMARKS
6	Polyamide	Natural (Beige), UL94V-0
5	Polyester	Cover tape, Clear
4	PS	Embossed carrier tape, Clear
3	Brass	Surface : Tin plated 1μm Min Under plating : Nickel plated 1μm Min

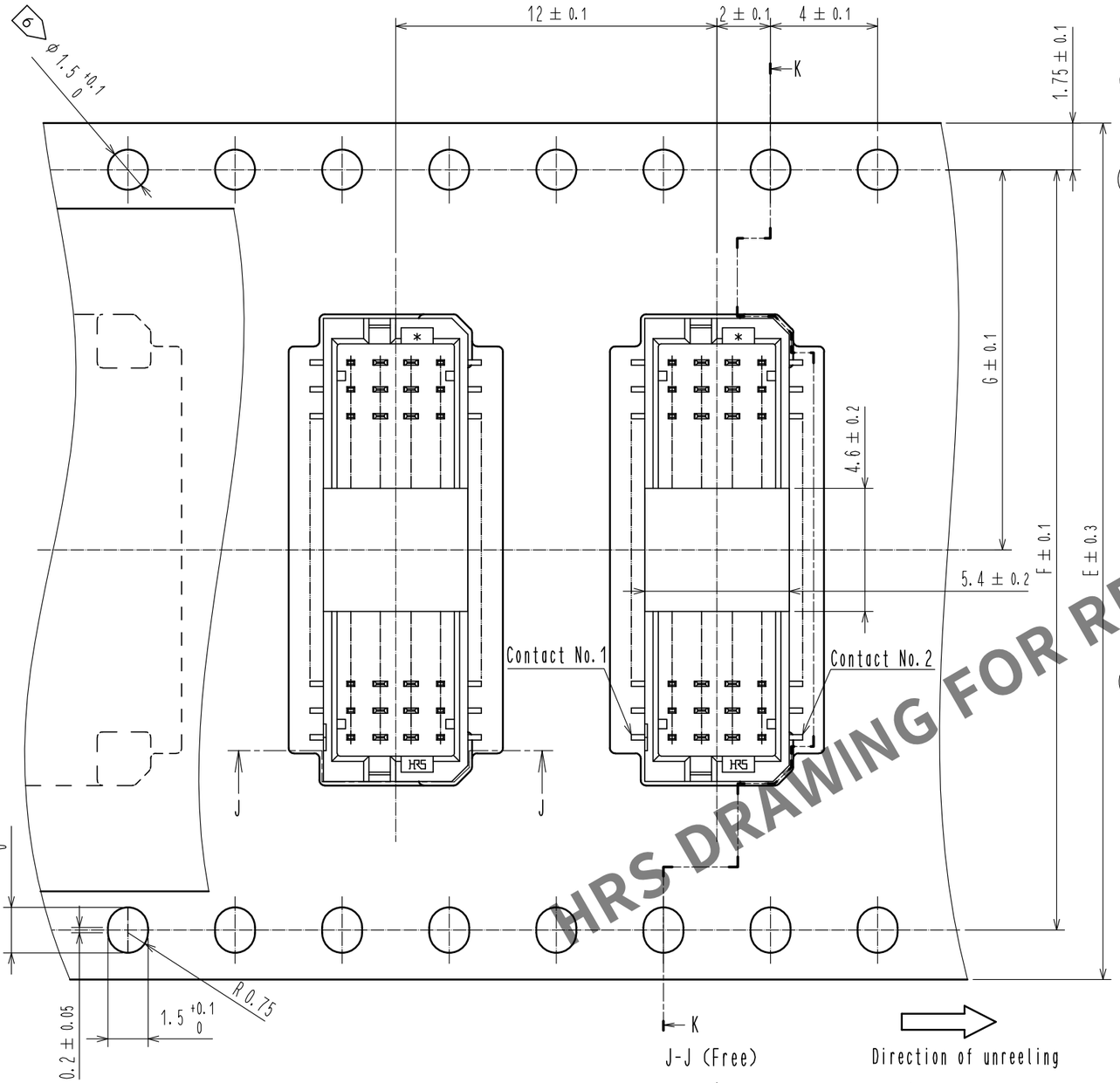
UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	1	1	DIS-H-00005965	SN. MIWA	SZ. ONO	20200518

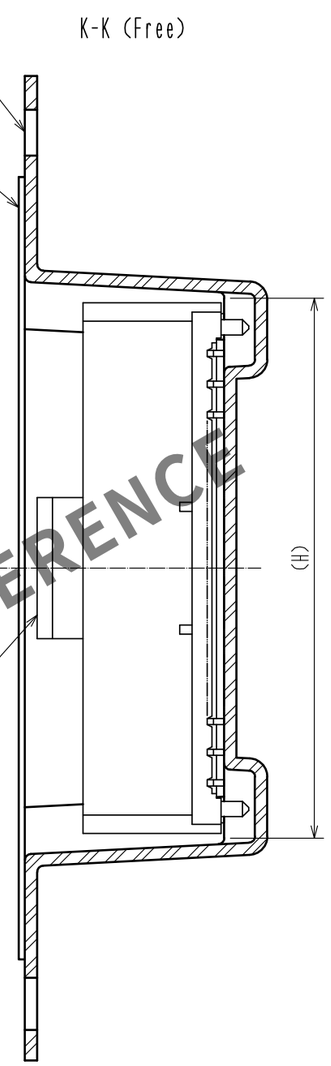
HIROSE ELECTRIC CO., LTD.

APPROVED	HS. OKAWA	20200213	DRAWING NO. EDC-391811-52-00
CHECKED	SZ. ONO	20200213	PART NO. DF20EG-*DP-1V(52)
DESIGNED	SN. MIWA	20200213	CODE NO. CL686-
DRAWN	SN. MIWA	20200213	1/2

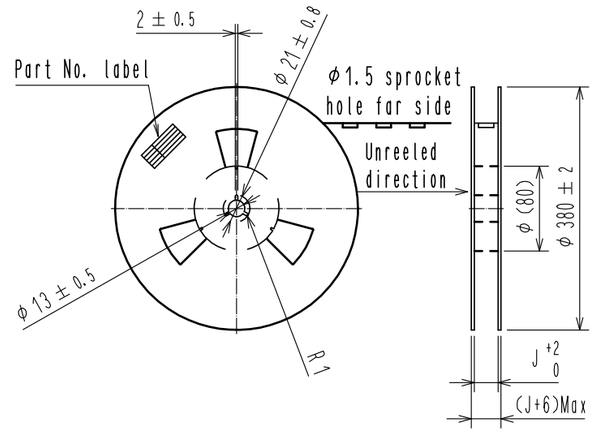
HRS DRAWING FOR REFERENCE

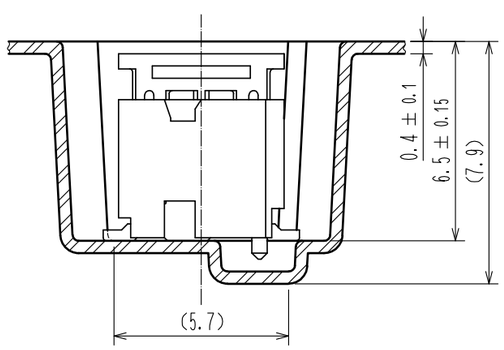
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Style and Dimension of Reel (Free)





Detail of Part No. Label

HRS	
品名コード(CI code) CL686-00**-0 52	Made In China
HRS品名 DF20EG-*DP-1V(52)	
数量 1RL(1000pcs)	
トレースNo. ******-**********-*-***	

HRS No.	Number of Contacts	E	F	G	H	J
CL686-0059-0-52	10	16	—	7.5	7.6	16.4
CL686-0060-0-52	20	24	—	11.5	12.6	24.4
CL686-0061-0-52	30	32	28.4	14.2	17.6	32.4
CL686-0062-0-52	40	44	40.4	20.2	22.6	44.4
CL686-0054-0-52	50	44	40.4	20.2	27.6	44.4

Notes 4. 1 reel 1000 connectors.
5. At the beginning of the reel, 30 boxes shall be empty.
At the end of the reel, 20 boxes shall be empty.
6 When the tape width is 16 or 24mm, sprocket holes shall be only set on the upper side of reel.
△1 7. Refer to 'Mating/Unmating Operation Manual' (ETAD-H0997-00) when operating this connector.

HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC-391811-52-00
	PART NO.	DF20EG-*DP-1V(52)
	CODE NO.	CL686- △1 2/2