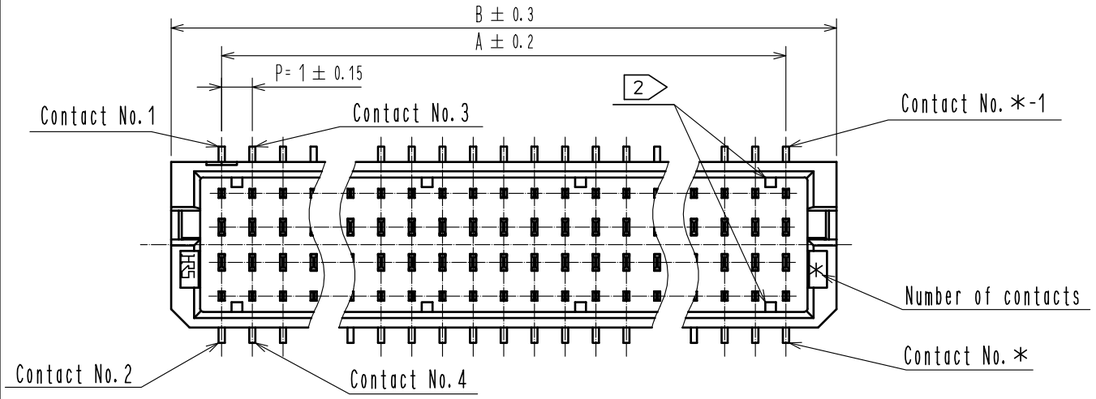
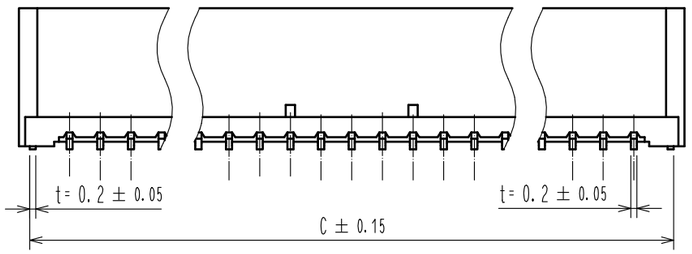
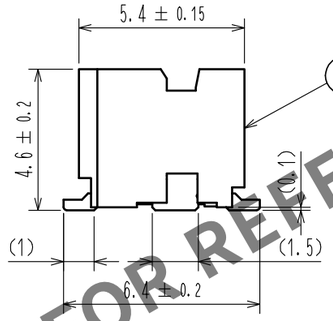
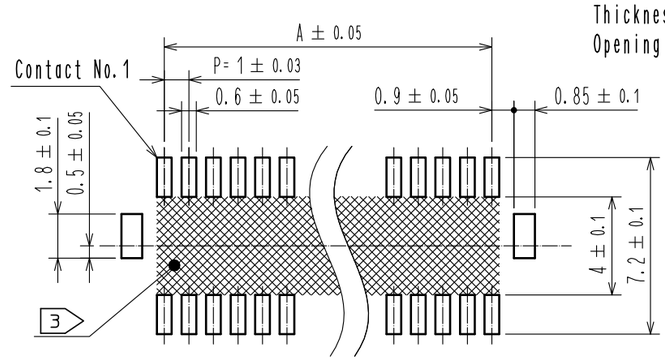
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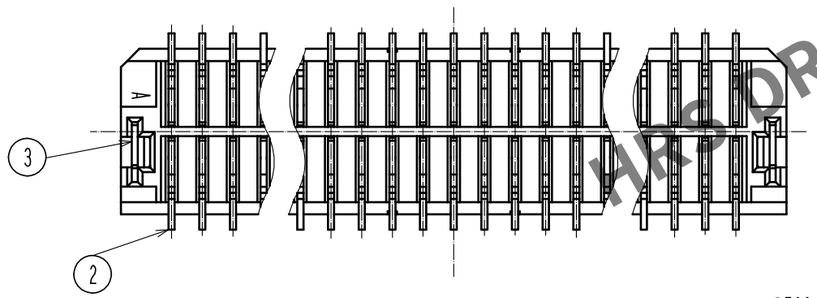


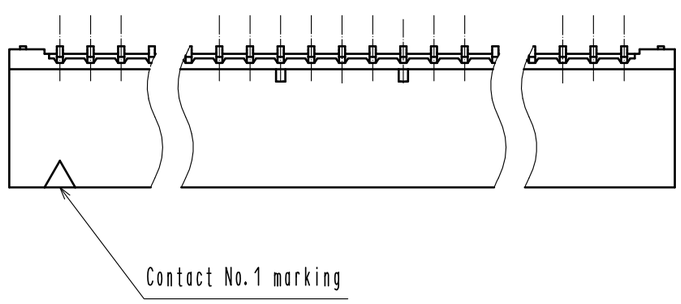
Recommended PCB Layout (Free)



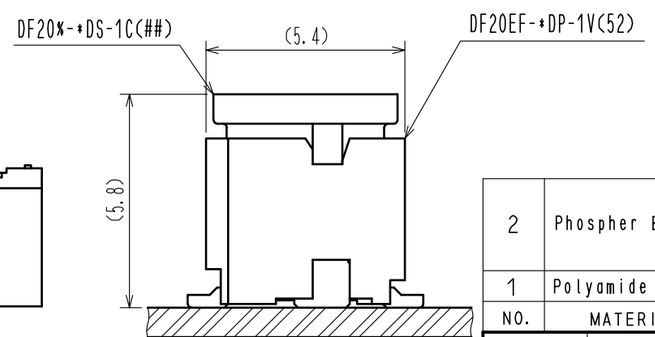
Recommended Metal Mask
Thickness : 0.15mm
Opening ratio : 100%

Part No.	HRS No.	Number of contacts	A	B	C
DF20EF-10DP-1V(52)	CL686-0055-0-52	10	4.0	7.3	6.6
DF20EF-20DP-1V(52)	CL686-0056-0-52	20	9.0	12.3	11.6
DF20EF-30DP-1V(52)	CL686-0057-0-52	30	14.0	17.3	16.6
DF20EF-40DP-1V(52)	CL686-0058-0-52	40	19.0	22.3	21.6
DF20EF-50DP-1V(52)	CL686-0053-0-52	50	24.0	27.3	26.6

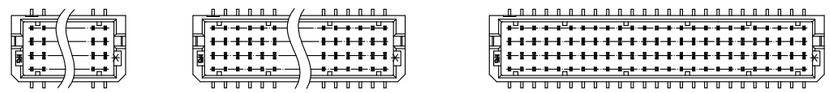




Mated Figure (Free)



2 The Number and Position of Ribs



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	Phospher 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-00005941	SN. MIWA	SZ. ONO	20200508

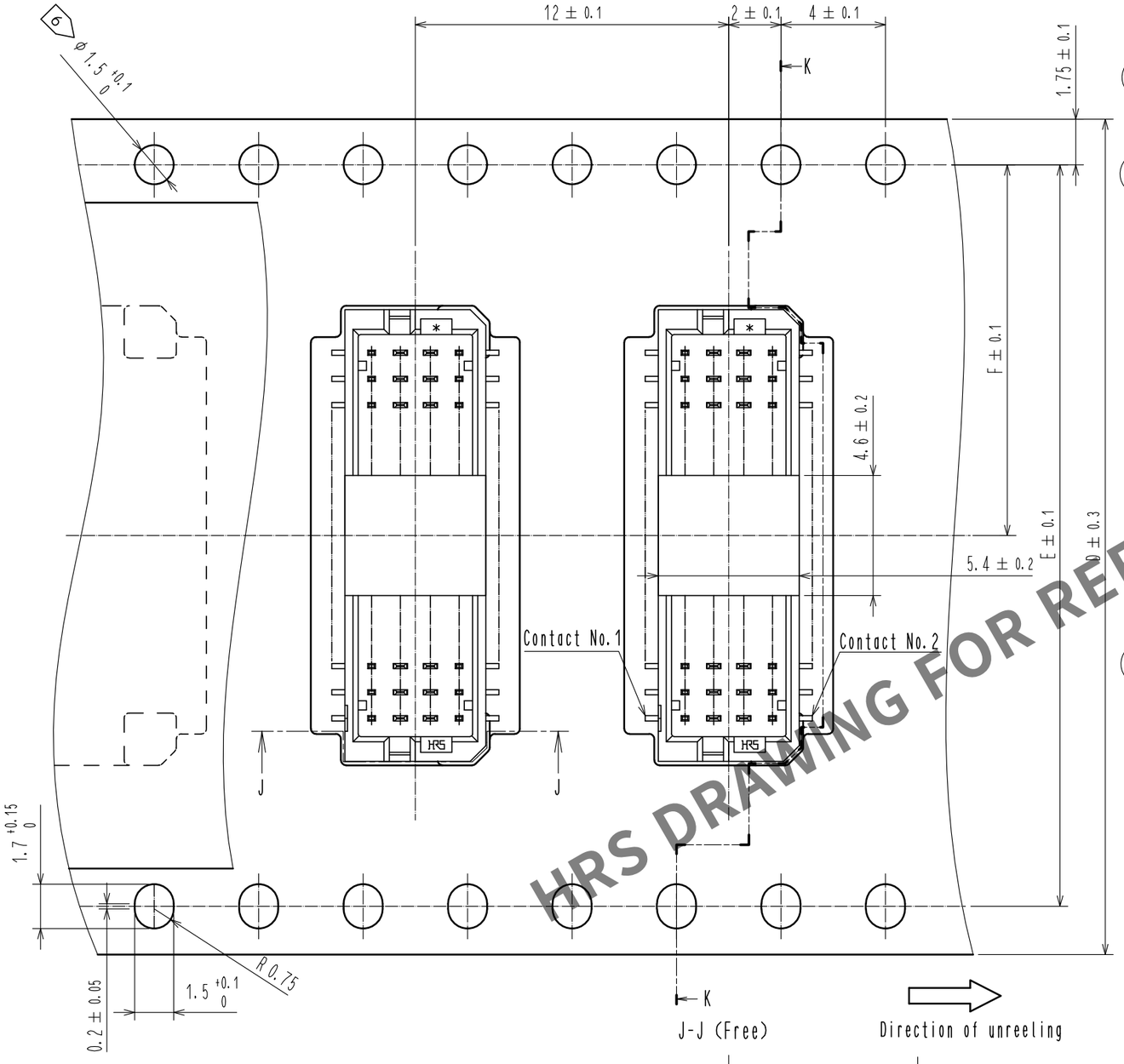
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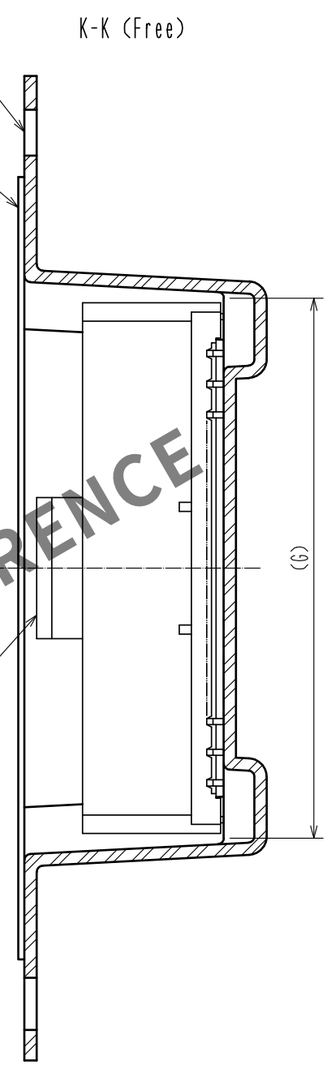
APPROVED	HS. OKAWA	20200205	DRAWING NO. EDC-391810-52-00
CHECKED	SZ. ONO	20200205	PART NO. DF20EF-*DP-1V(52)
DESIGNED	SN. MIWA	20200205	CODE NO. CL686- 1/2
DRAWN	SN. MIWA	20200205	

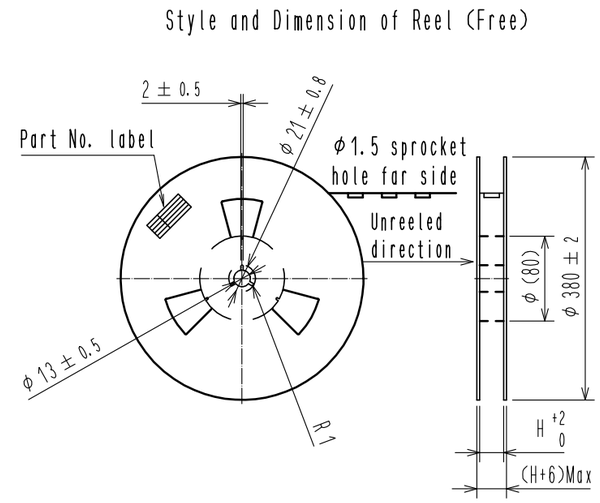
HRS DRAWING FOR REFERENCE

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HRS DRAWING FOR REFERENCE

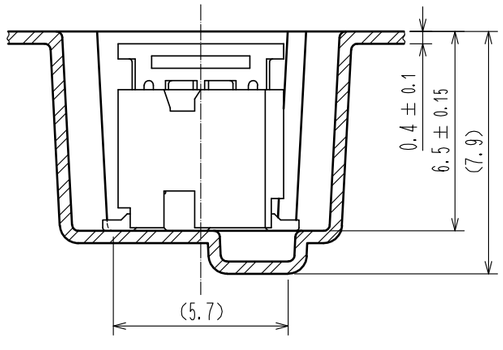






Detail of Part No. Label

HRS No.	Number of Contacts	D	E	F	G	H
CL686-0055-0-52	10	16	—	7.5	7.6	16.4
CL686-0056-0-52	20	24	—	11.5	12.6	24.4
CL686-0057-0-52	30	32	28.4	14.2	17.6	32.4
CL686-0058-0-52	40	44	40.4	20.2	22.6	44.4
CL686-0053-0-52	50	44	40.4	20.2	27.6	44.4



HRS	
品名コード(CI code) CL686-00**-0 52	Made In China
HRS品名 DF20EF-*DP-1V(52)	
数量 1RL(1000pcs)	
トレースNo. ******-**********-*-***	

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 NO.	EDC-391810-52-00
	PART NO.	DF20EF-*DP-1V(52)
	CODE NO.	CL686- △1 2/2