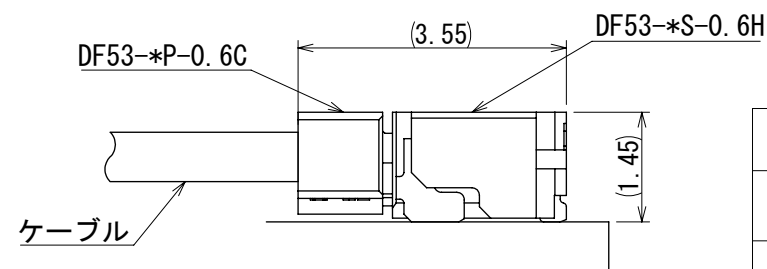
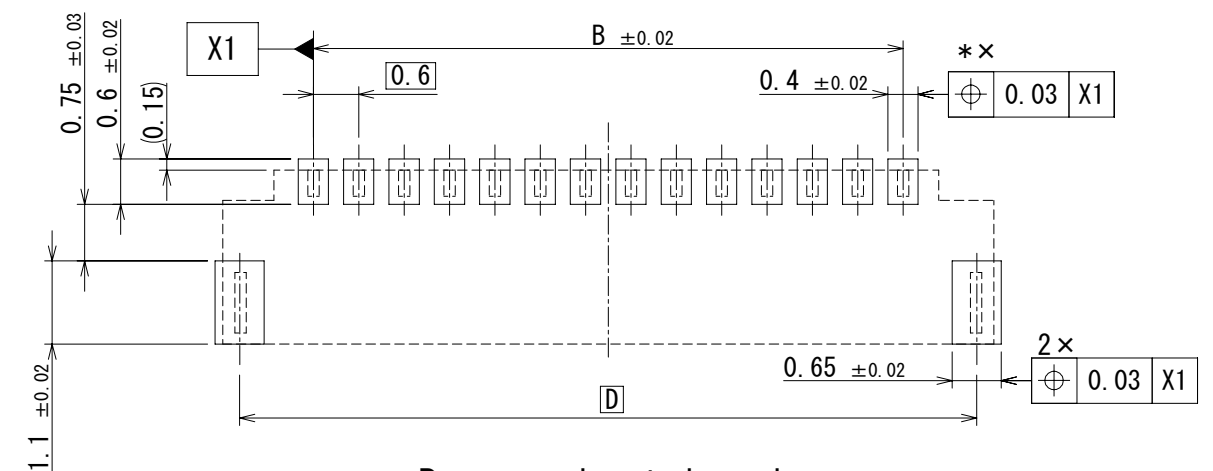


Note. 1. Lead co-planarity shall be 0.1mm MAX.
2. Please consult Hirose when the product is mounted to FPC.

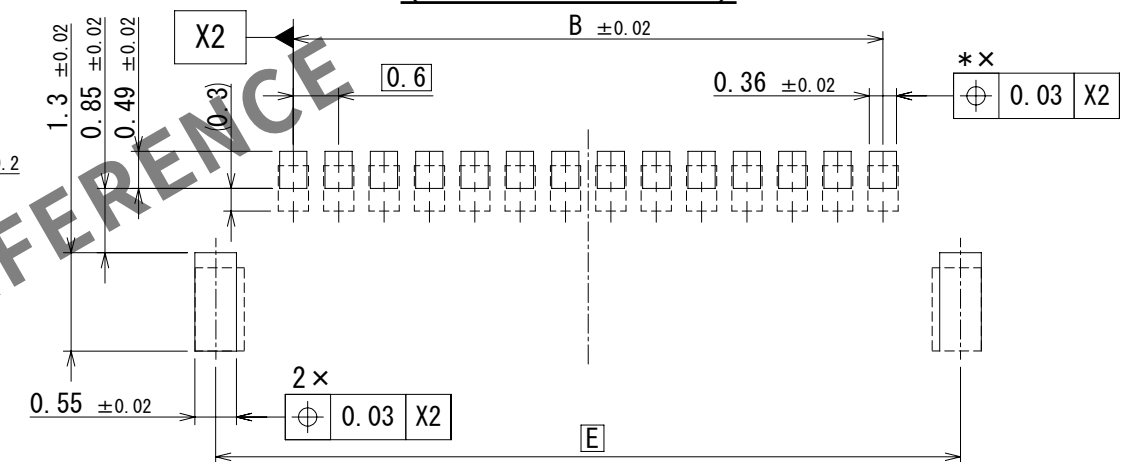
Mating figure (FREE)



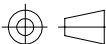
Recommend PCB layout



Recommend metal mask
(thickness : 0.1mm)



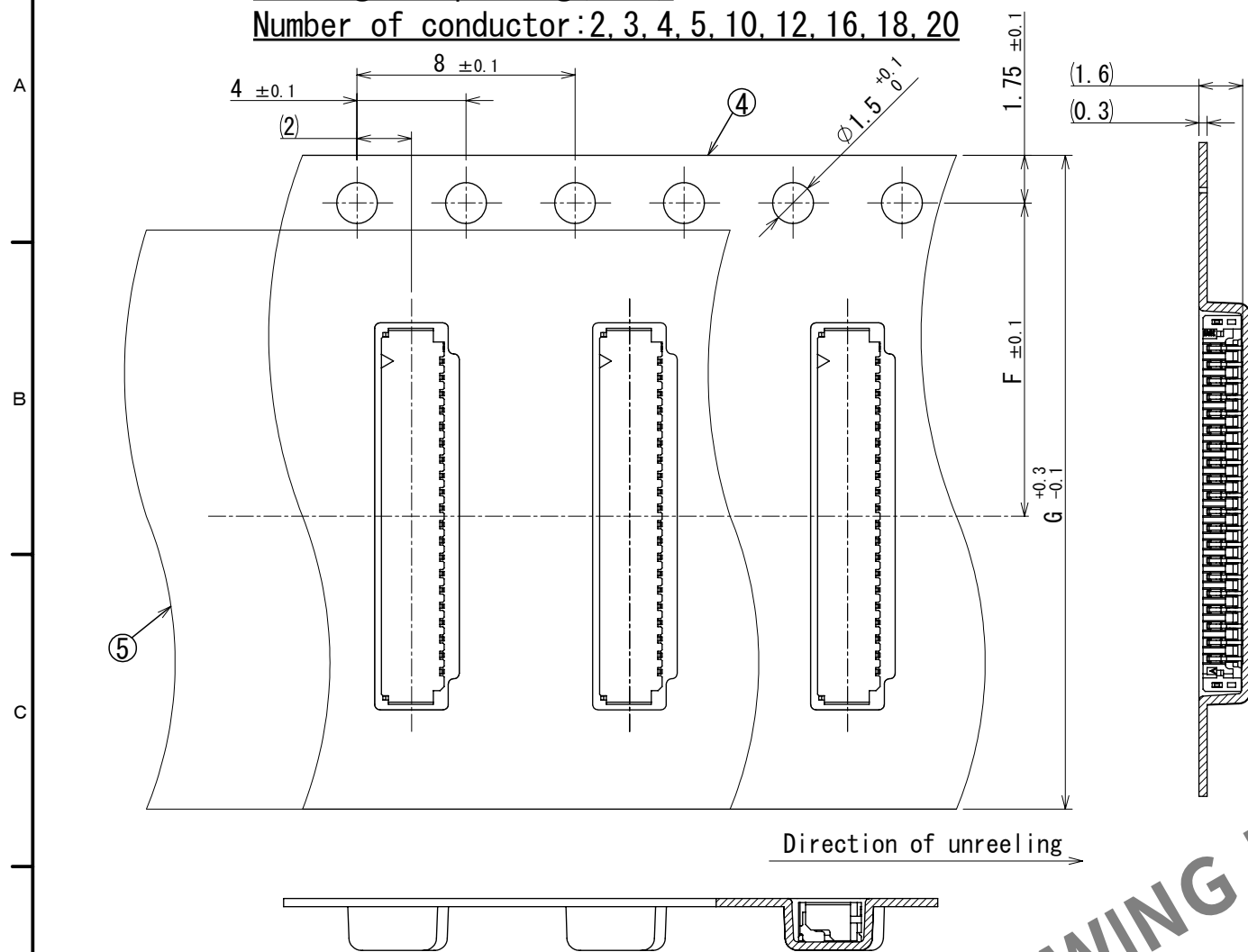
Part No.	Code No.	A	B	C	D	E
DF53-2S-0.6H	CL0668-1001-0-00	3.0	0.6	2.53	2.55	2.65
DF53-3S-0.6H	CL0668-1002-0-00	3.6	1.2	3.13	3.15	3.25
DF53-4S-0.6H	CL0668-1003-0-00	4.2	1.8	3.73	3.75	3.85
DF53-5S-0.6H	CL0668-1004-0-00	4.8	2.4	4.33	4.35	4.45
DF53-6S-0.6H	CL0668-1005-0-00	5.4	3.0	4.93	4.95	5.05
DF53-8S-0.6H	CL0668-1006-0-00	6.6	4.2	6.13	6.15	6.25
DF53-10S-0.6H	CL0668-1007-0-00	7.8	5.4	7.33	7.35	7.45
DF53-12S-0.6H	CL0668-1008-0-00	9.0	6.6	8.53	8.55	8.65
DF53-14S-0.6H	CL0668-1009-0-00	10.2	7.8	9.73	9.75	9.85
DF53-16S-0.6H	CL0668-1010-0-00	11.4	9.0	10.93	10.95	11.05
DF53-18S-0.6H	CL0668-1011-0-00	12.6	10.2	12.13	12.15	12.25
DF53-20S-0.6H	CL0668-1012-0-00	13.8	11.4	13.33	13.35	13.45

3	Brass	Surface:tin plating 1μm MIN. Under plating:nickel plating 0.5μm MIN															
2	Copper alloy	Surface:tin plating 1μm MIN. Under plating:nickel plating 0.5μm MIN		6	PS	Black, Reel											
				5	PET	Clear, Cover tape											
1	PA 9T	BLACK. UL94V-0		4	PS	Clear, Embossed carier tape											
NO.		MATERIAL		FINISH , REMARKS		NO.		MATERIAL		FINISH , REMARKS							
UNITS mm				SCALE 5 : 1				COUNT 1		DESCRIPTION OF REVISIONS DIS-H-00020113		DESIGNED JN. TONAI		CHECKED SZ. ONO		DATE 2024. 03. 07	
HIROSE ELECTRIC CO., LTD.		APPROVED : SJ. OKAMURA		2023. 02. 20		DRAWING NO.		EDCX-402844-00-00									
		CHECKED : SZ. ONO		2023. 02. 20		PART NO.		DF53-S-0. 6H									
		DESIGNED : JN. TONAI		2023. 02. 20		CODE NO.		CL0010-0630-0-00									
		DRAWN : JN. TONAI		2023. 02. 20													
																	

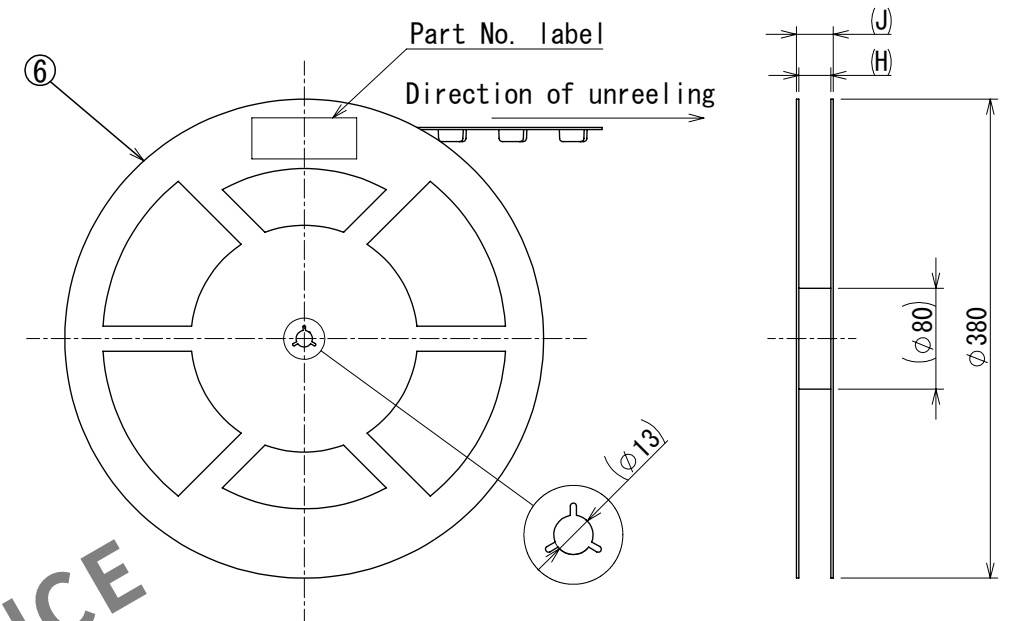
Sep.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

Drawing for packing(FREE)

Number of conductor:2, 3, 4, 5, 10, 12, 16, 18, 20

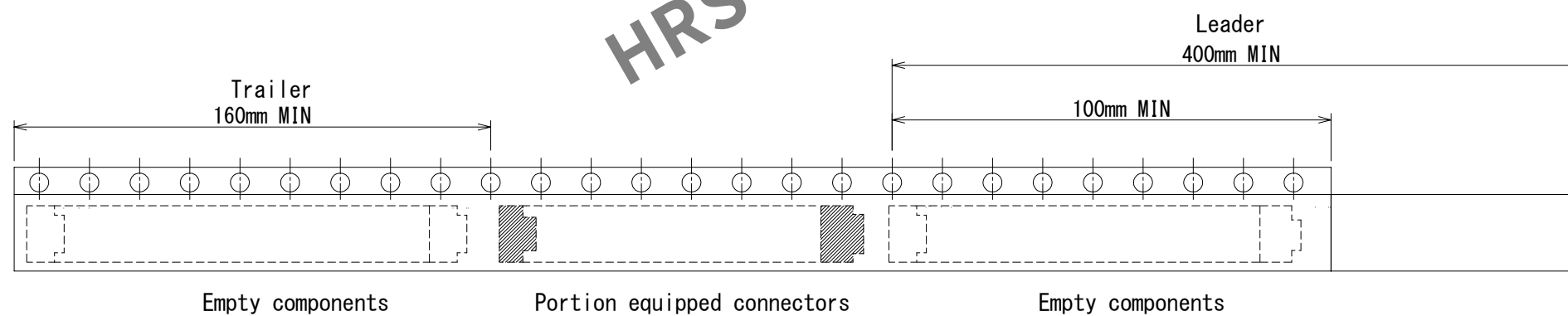


Style and dimension of reel (FREE)

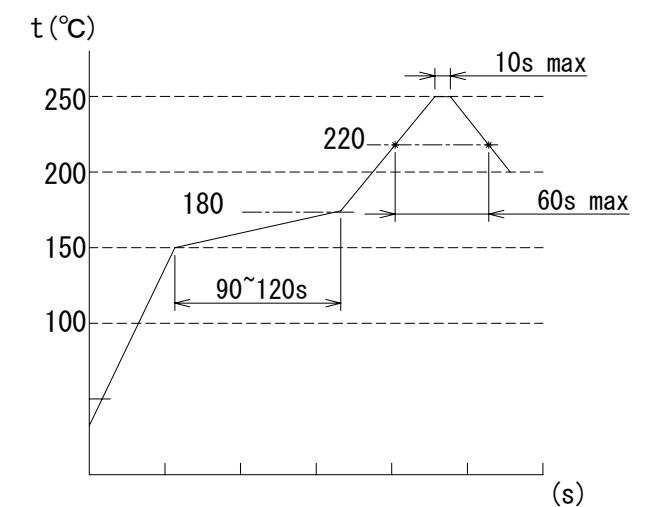


Part No.	Code No.	F	G	H	J
DF53-2S-0.6H	CL0668-1001-0-00	7.5	16	17.4	21.4
DF53-3S-0.6H	CL0668-1002-0-00	7.5	16	17.4	21.4
DF53-4S-0.6H	CL0668-1003-0-00	7.5	16	17.4	21.4
DF53-5S-0.6H	CL0668-1004-0-00	7.5	16	17.4	21.4
DF53-10S-0.6H	CL0668-1007-0-00	11.5	24	25.4	29.4
DF53-12S-0.6H	CL0668-1008-0-00	11.5	24	25.4	29.4
DF53-16S-0.6H	CL0668-1010-0-00	11.5	24	25.4	29.4
DF53-18S-0.6H	CL0668-1011-0-00	11.5	24	25.4	29.4
DF53-20S-0.6H	CL0668-1012-0-00	11.5	24	25.4	29.4

5 Taping(FREE)



Reflow temperature profile in resistance to soldering heat

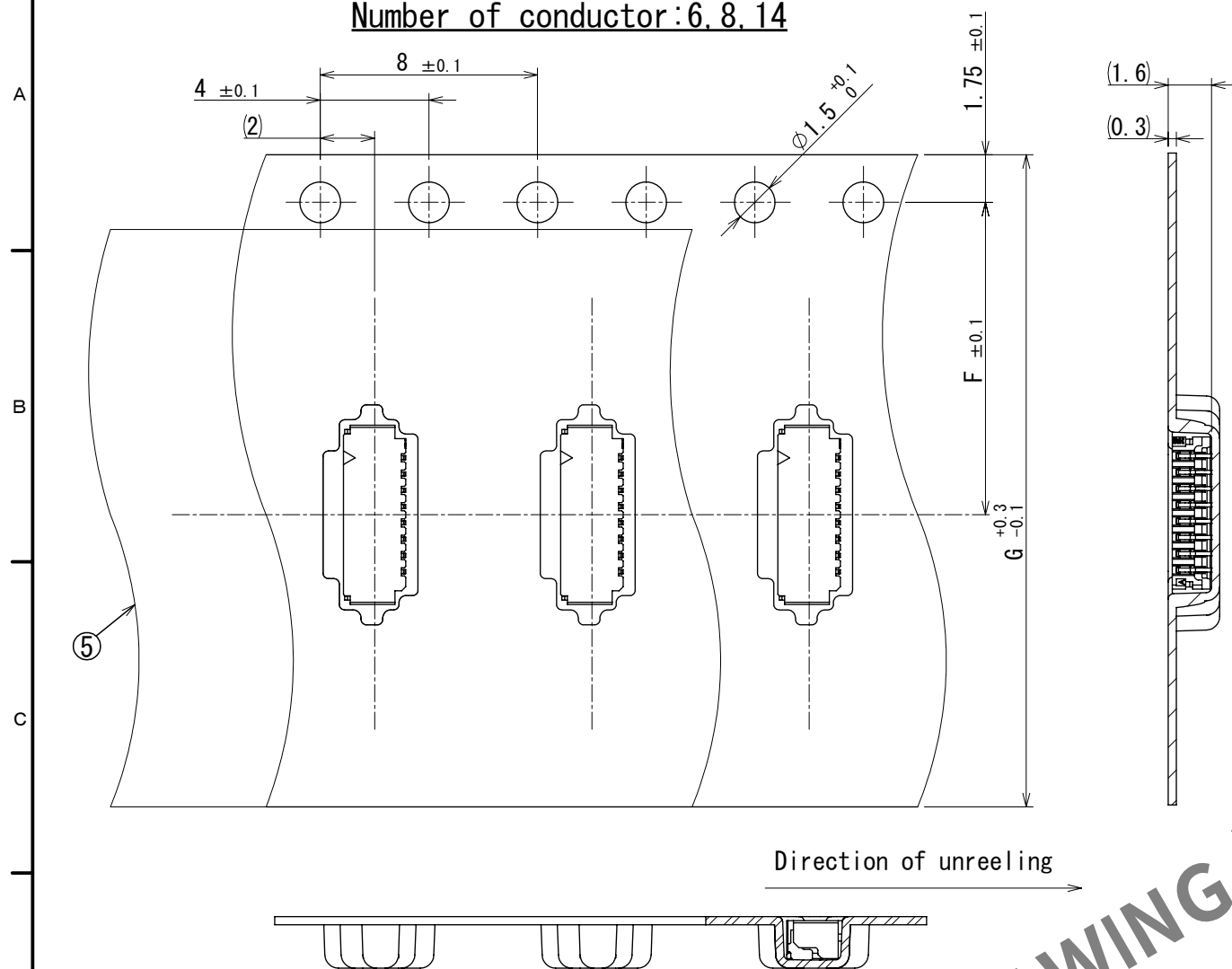


Number of reflow cycles 2 cycles MAX.

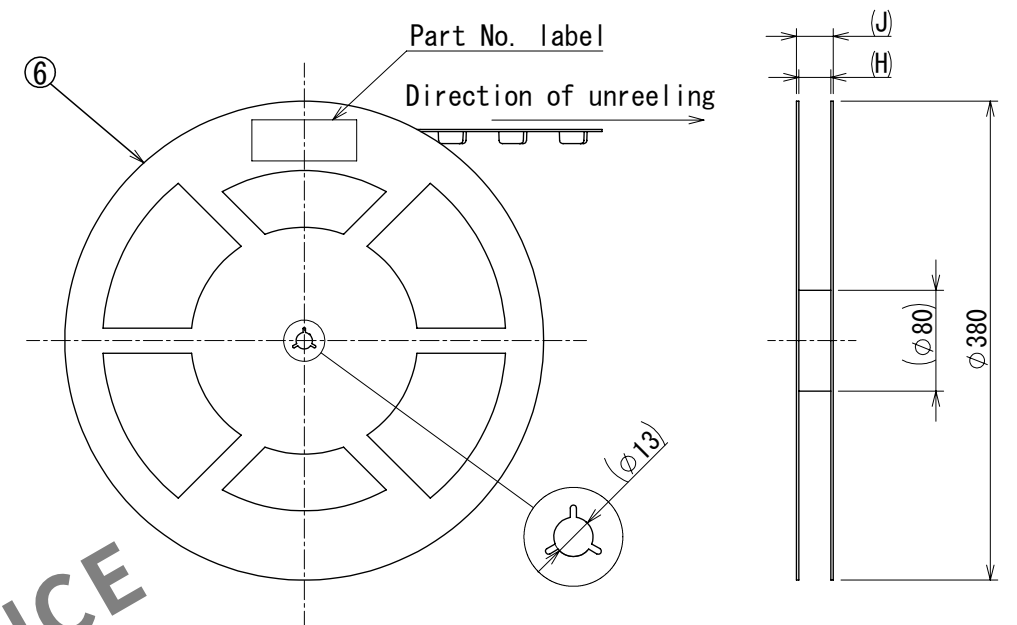
- Note
- 1 reel:5,000 connectors.
 - () is reference dimension.
 - Refer to IEC 60286-3 and JIS C 0806-3. (Packaging of components for automated handling)
 - This product satisfies halogen free requirements defined as 900 ppm maximum chlorine, 900 ppm maximum bromine, and 1500 ppm maximum total of chlorine and bromine.
 - Refer to the technical specification(ETAP-H1068) for packing type.
 - Please make sure refer to the manuals below for operation of this product.
For operation manual ETAD-H0996-00

HRS	DRAWING NO.	EDCX-402844-00-00
	PART NO.	DF53-S-0.6H
	CODE NO.	CL0010-0630-0-00
	NO.	2/3

Drawing for packing(FREE)
Number of conductor:6,8,14

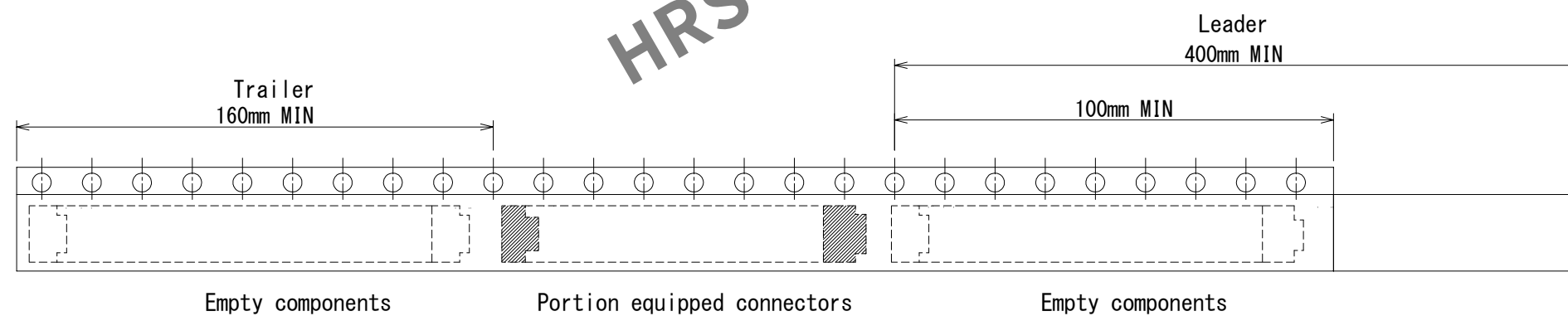


Style and dimension of reel (FREE)

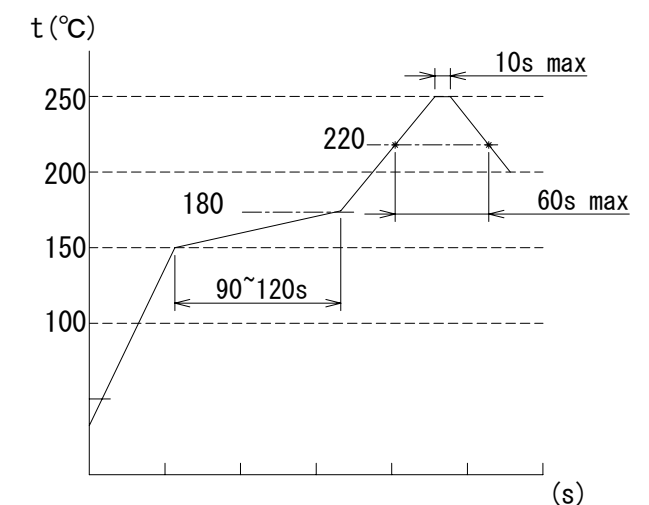


Part No.	Code No.	F	G	H	J
DF53-6S-0.6H	CL0668-1005-0-00	7.5	16	17.4	21.4
DF53-8S-0.6H	CL0668-1006-0-00	11.5	24	25.4	29.4
DF53-14S-0.6H	CL0668-1009-0-00	11.5	24	25.4	29.4

5 Taping (FREE)



Reflow temperature profile in resistance to soldering heat



Number of reflow cycles 2 cycles MAX.

- Note
- 1 reel:5,000 connectors.
 - () is reference dimension.
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HRS	DRAWING NO.	EDCX-402844-00-00
	PART NO.	DF53-S-0.6H
	CODE NO.	CL0010-0630-0-00
	NO.	3

Mouser Electronics

Authorized Distributor

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