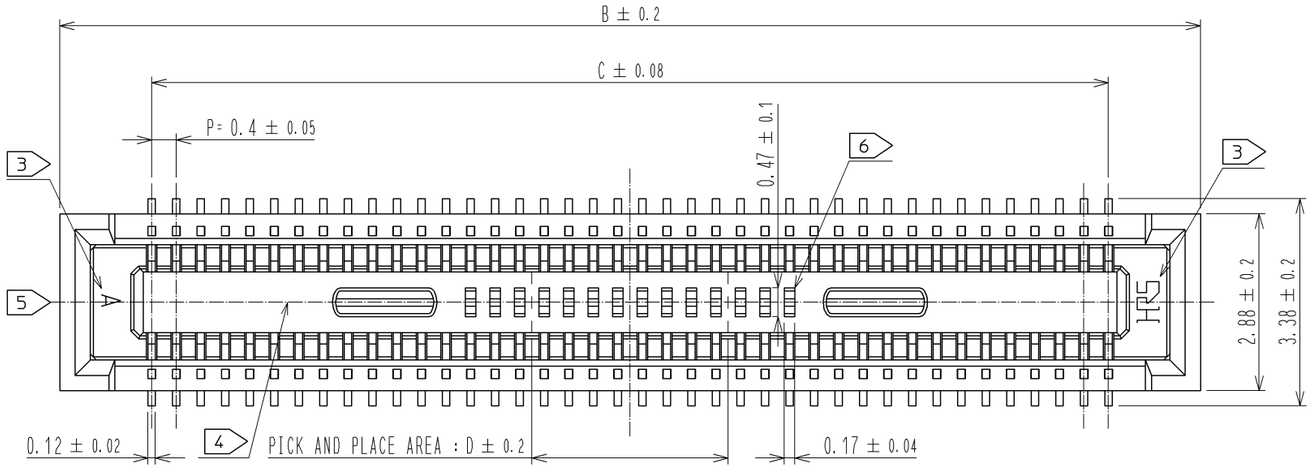
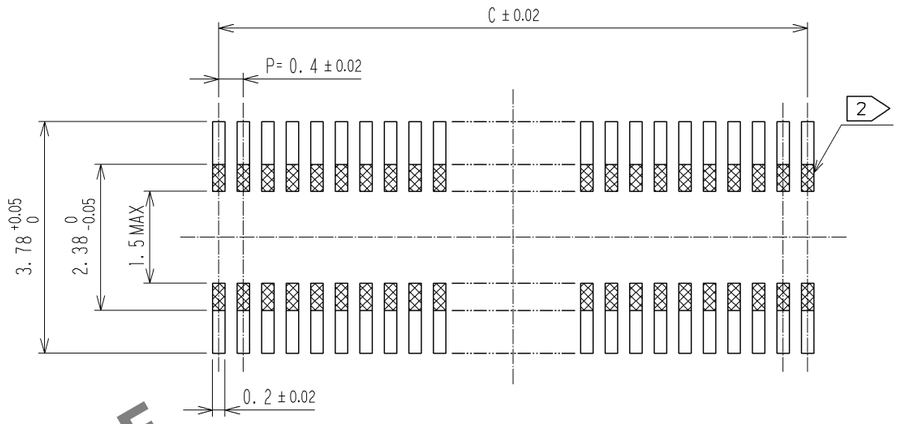
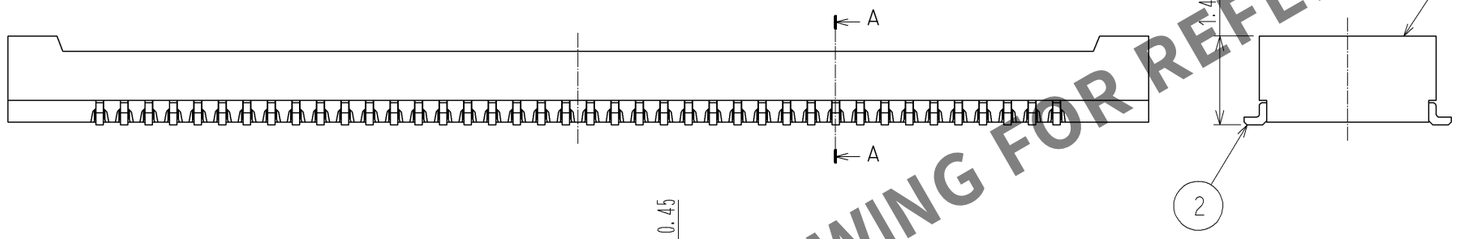
Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



RECOMMENDED PATTERN



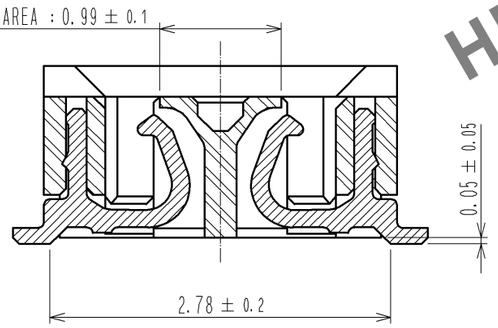
RECOMMENDED METAL MASK THICKNESS : 120μm
RECOMMENDED METAL MASK OPENING RATIO : 80% FOR LEAD PAD



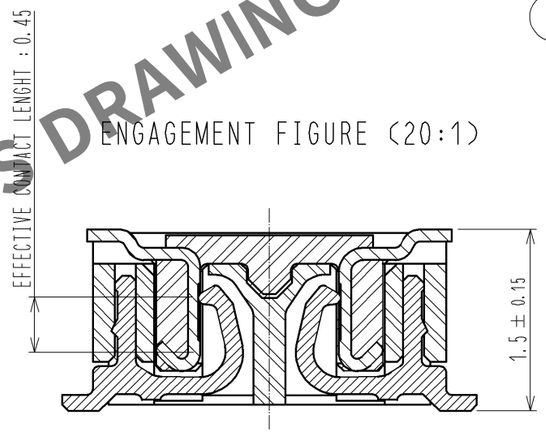
製品名	製品コード	B	C	D
DF40C-10DS-0.4V(58)	CL684-4036-2-58	4.6	1.6	1.0
DF40C-20DS-0.4V(58)	CL684-4005-9-58	6.6	3.6	1.0
DF40C-24DS-0.4V(58)	CL684-4006-1-58	7.4	4.4	1.0
DF40C-30DS-0.4V(58)	CL684-4007-4-58	8.6	5.6	1.5
DF40C-34DS-0.4V(58)	CL684-4023-0-58	9.4	6.4	2.3
DF40C-40DS-0.4V(58)	CL684-4008-7-58	10.6	7.6	3.2
DF40C-50DS-0.4V(58)	CL684-4009-0-58	12.6	9.6	3.2
DF40C-60DS-0.4V(58)	CL684-4004-6-58	14.6	11.6	3.2
DF40C-70DS-0.4V(58)	CL684-4016-5-58	16.6	13.6	3.2
DF40C-80DS-0.4V(58)	CL684-4002-0-58	18.6	15.6	3.2
DF40C-90DS-0.4V(58)	CL684-4124-8-58	20.6	17.6	3.2
DF40C-100DS-0.4V(58)	CL684-4033-4-58	22.6	19.6	3.2

HRS DRAWING FOR REFERENCE

A-A(20:1)



ENGAGEMENT FIGURE (20:1)



NOTES) 1. ALL LEADS CO-PLANARITY SHALL BE 0.1 MAX.
2 ▨ IS NO PATTERN AREA OTHER THAN THE SAME CIRCUIT.
3 HRS MARK AND CAV NO. IS INDICATED IN APPROXIMAL POSITION SHOWN.
4 GATE POSITION OF 60 TO 100 POSITIONS IS POSITIONED IN APPROXIMAL AREA SHOWN.
5 GATE POSITION OF 10 TO 50 POSITIONS IS POSITIONED IN APPROXIMAL AREA SHOWN.
A PART OF THE WALL COULD BE NOTCHED FOR SETTING GATE.
6 60 TO 100 POSITIONS HAVE CONCAVE PORTION.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
2	PHOSPHOR BRONZE	CONTACT AREA:GOLD 0.05μm MIN SMT LEAD:GOLD 0.05μm MIN UNDERPLATING:NICKEL 1μm MIN	6	PS	CLEAR, REINFORCEMENT COLLAR
			5	PS	BLACK, PLASTIC REEL
			4	POLYESTER	CLEAR, COVER TAPE
1	LCP	BLACK, UL94V-0	3	PS	CLEAR, EMBOSSED CARRIER TAPE

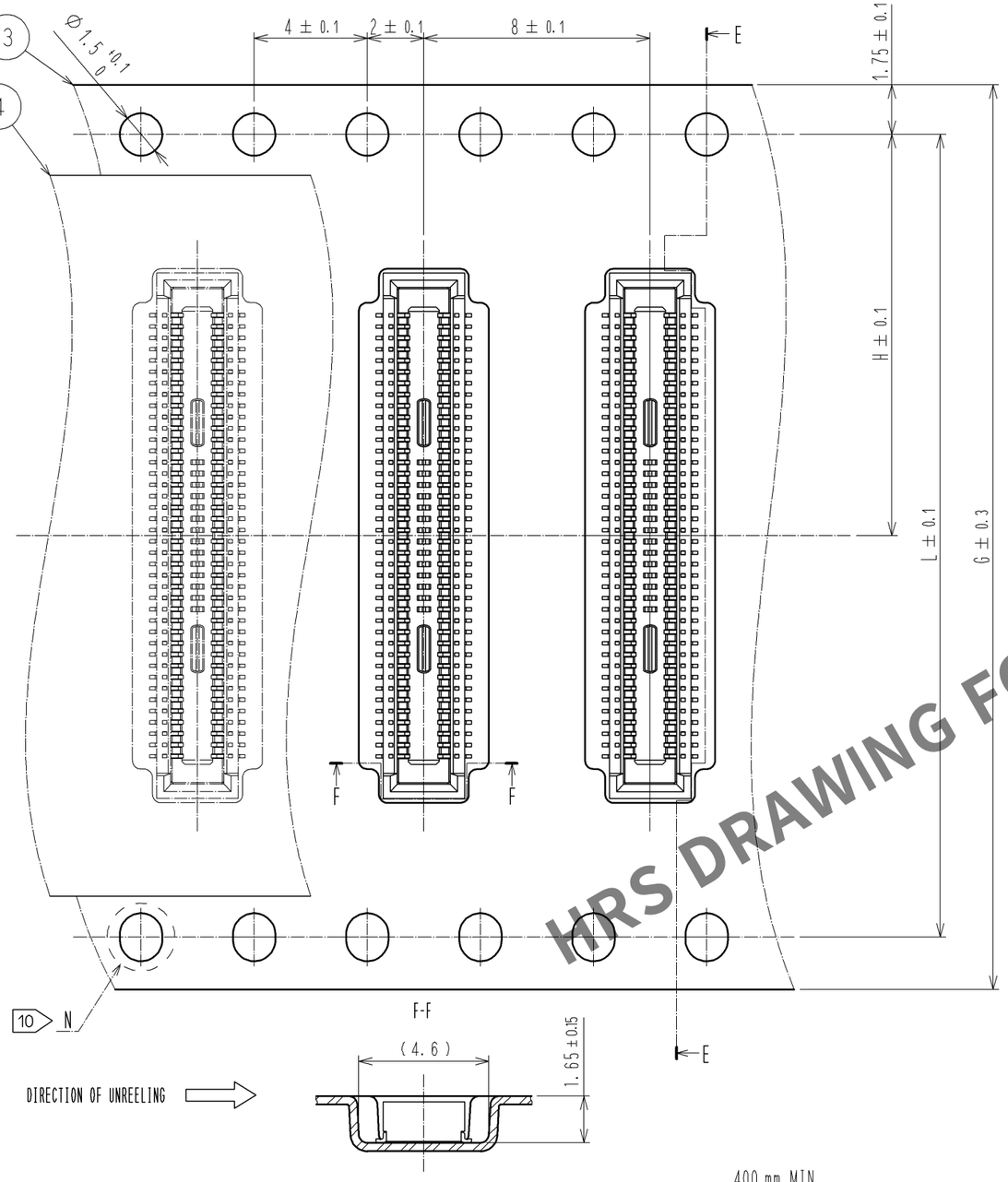
UNITS mm	SCALE 10 : 1	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE

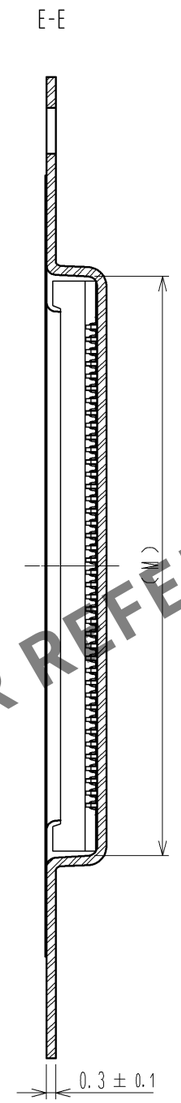
HIROSE ELECTRIC CO., LTD.

APPROVED	KH. IKEDA	13. 03. 13	DRAWING NO. EDC3-311352-58
CHECED	TS. MIYAZAKI	13. 03. 13	PART NO. DF40C-*DS-0.4V(58)
DESIGNED	TY. YAMASAKI	13. 03. 13	
DRAWN	NT. SEKI	13. 03. 12	CODE NO. CL684

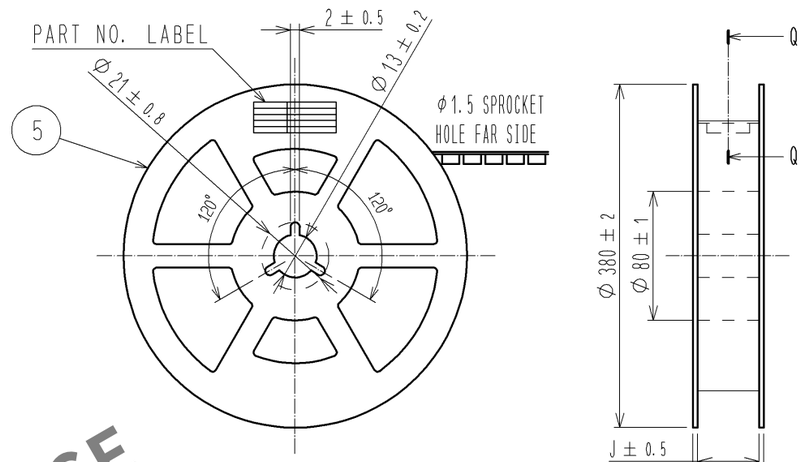
Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

EMBOSSED CARRIER TAPE PACKAGING (5:1)





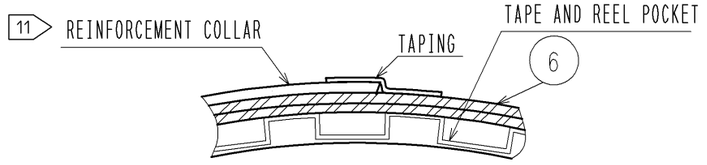
STYLE AND DIMENSION OF REEL(FREE SIZE)



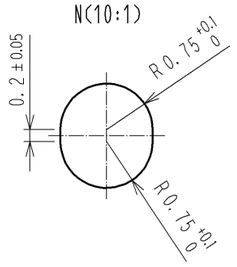
DETAIL OF PART NO. LABEL

製造年月日	** ** **	DATE OF MANUFACTURED
製品コード	CL684-*****-*-58	CODE NO.
製品名	DF40C-*DS-0.4V(58)	PART NO.
数量	1000	QUANTITY
納入者	ヒロセ電機(株)	SUPPLIER

Q-Q (FREE)



N(10:1)



PART NO.	G	H	J	K	L	M
DF40C-10DS-0.4V(58)	16	7.5	17.5	21.5	—	4.9
DF40C-20DS-0.4V(58)	16	7.5	17.5	21.5	—	6.9
DF40C-24DS-0.4V(58)	16	7.5	17.5	21.5	—	7.7
DF40C-30DS-0.4V(58)	24	11.5	25.5	29.5	—	8.9
DF40C-34DS-0.4V(58)	24	11.5	25.5	29.5	—	8.9
DF40C-40DS-0.4V(58)	24	11.5	25.5	29.5	—	10.9
DF40C-50DS-0.4V(58)	24	11.5	25.5	29.5	—	12.9
DF40C-60DS-0.4V(58)	24	11.5	25.5	29.5	—	14.9
DF40C-70DS-0.4V(58)	32	14.2	33.5	37.5	28.4	16.9
DF40C-80DS-0.4V(58)	32	14.2	33.5	37.5	28.4	18.9
DF40C-90DS-0.4V(58)	44	20.2	45.5	49.5	40.4	20.9
DF40C-100DS-0.4V(58)	44	20.2	45.5	49.5	40.4	22.9

NOTES)
7. PER REEL 1000 CONNECTORS.
8. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
9. REFER TO JIS C 0806(IEC 60286-3, PACKING OF COMPONENTS FOR AUTOMATIC HANDLING)
10. 10 TO 60 POSITIONS EMBOSSED CARRIER TAPE HAS THE SPROCKET HOLE ON ONE SIDES.
11. AFTER PACKAGING, ROLL 2 METERS OF THE REINFORCEMENT COLLAR TO OUTER CIRCUMFERENCE OF TAPE AND REEL POCKET, AND TAPE DOWN AT THE END THE COLLAR.

HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC3-311352-58
	PART NO.	DF40C-*DS-0.4V(58)
	CODE NO.	CL684
		2/2