

PART No.	CODE No.	NUMBER OF CONTACTS	A	B	C	D	E	F
DF9-9P-1V(69)	CL540-0066-9-69	9	10.1	8.3	6.6	3	4	7.1
DF9-11P-1V(69)	CL540-0067-1-69	11	11.1	9.3	7.6	4	5	8.1
DF9-13P-1V(69)	CL540-0068-4-69	13	12.1	10.3	8.6	5	6	9.1
DF9-15P-1V(69)	CL540-0069-7-69	15	13.1	11.3	9.6	6	7	10.1
DF9-17P-1V(69)	CL540-0070-6-69	17	14.1	12.3	10.6	7	8	11.1
DF9-19P-1V(69)	CL540-0071-9-69	19	15.1	13.3	11.6	8	9	12.1
DF9-21P-1V(69)	CL540-0072-1-69	21	16.1	14.3	12.6	9	10	13.1
DF9-23P-1V(69)	CL540-0073-4-69	23	17.1	15.3	13.6	10	11	14.1
DF9-25P-1V(69)	CL540-0074-7-69	25	18.1	16.3	14.6	11	12	15.1
DF9-31P-1V(69)	CL540-0075-0-69	31	21.1	19.3	17.6	14	15	18.1
DF9-41P-1V(69)	CL540-0214-4-69	41	26.1	24.3	22.6	19	20	23.1
DF9-51P-1V(69)	CL540-0088-1-69	51	31.1	29.3	27.6	24	25	28.1

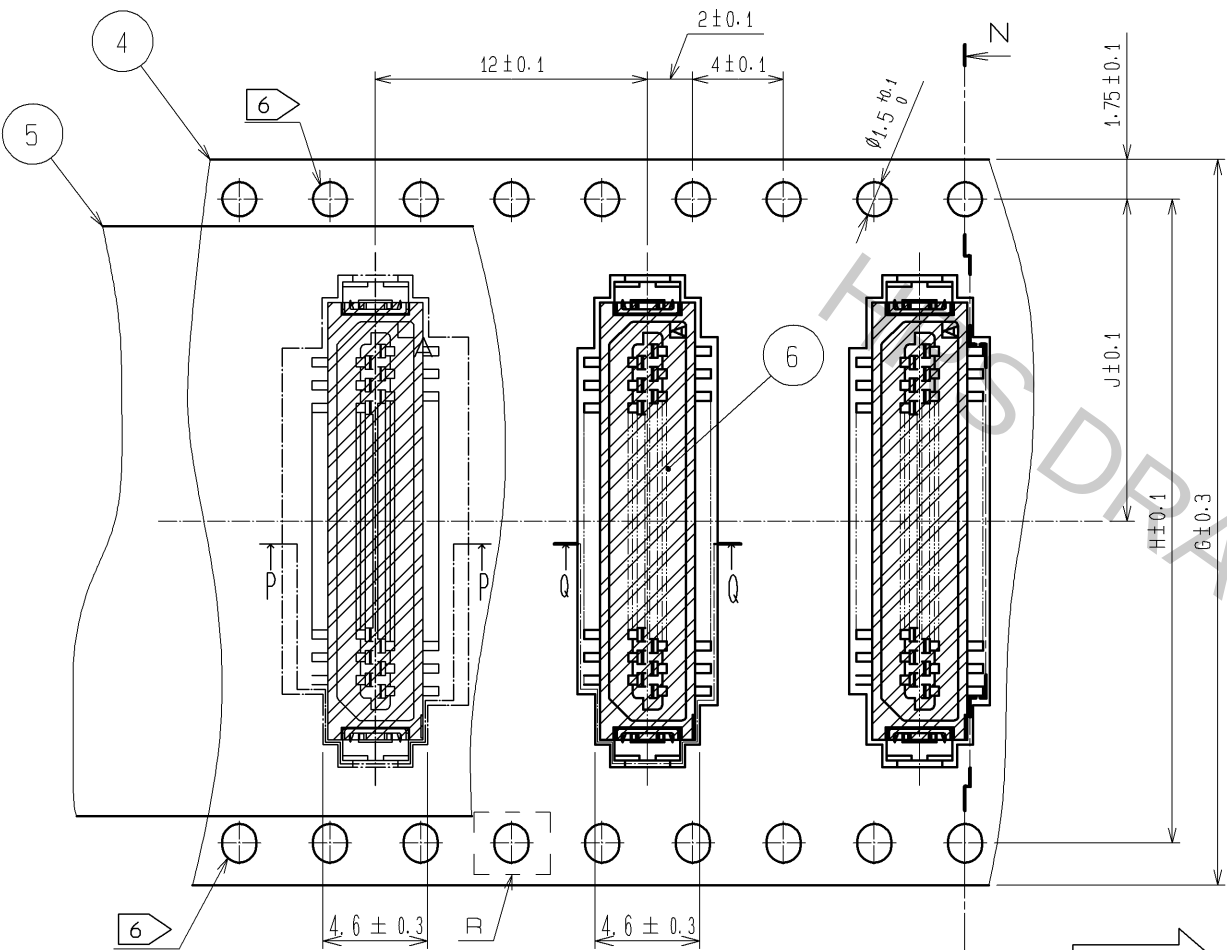
NOTES 1 : LEAD CO-PLANARITY INCLUDE REINFORCED METAL FITTINGS SHALL BE 0.1mm MAX.
 2 HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.
 3 9 TO 25 CONTACT CONNECTORS HAVE ONE LOCK AT CENTER OF HOUSING.
 31 TO 51 CONTACT CONNECTORS HAVE TWO LOCKS AS PER DRAWING.

3	BRASS	SURFACE:TIN PLATED(CREFLOW FINISH)1μm min UNDER PLATING:COPPER 0.3μm min		8	PS	REINFORCEMENT COLLAR	
2	PHOSPHOR BRONZE	CONTACT AREA:GOLD PLATED 0.2μm min		7	PS	BLACK(PLASTIC REEL)	
		LEAD AREA:TIN PLATED 1μm min		6	POLYIMIDE	BROWN(HEAT-RESISTANCE TAPE)	
		UNDER PLATING:NICKEL 0.3μm min		5	POLYESTER	CLEAR(COVER TAPE)	
1	POLYAMIDE	BEIGE, UL94V-0		4	PS	CLEAR(EMBOSSSED CARRIER TAPE)	
NO.	MATERIAL	FINISH , REMARKS			NO.	MATERIAL	FINISH , REMARKS

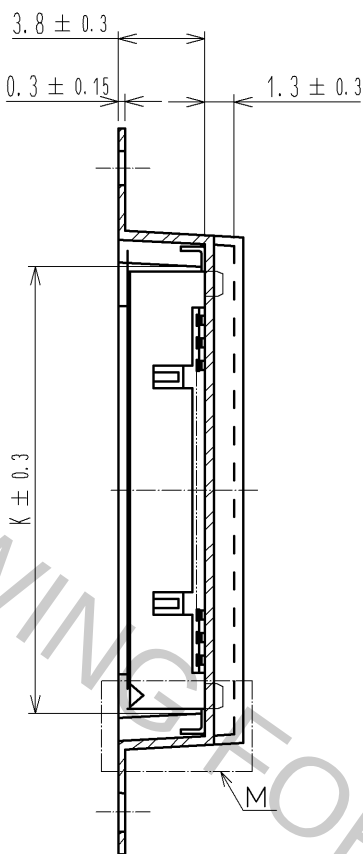
UNITS mm		SCALE 5 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA		12. 01. 16	DRAWING NO.	EDC3-341298-02		
		CHECKED : AR. TAKAHASHI		12. 01. 16	PART NO.	DF9-*P-1V(69)		
		DESIGNED : SH. HOSODA		12. 01. 16	CODE NO.	CL540-		
		DRAWN : KR. AJITO		12. 01. 16				

Oct.1.2018 Copyright 2018 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case that the application demands a high level of reliability, such as automotive,
please contact a company representative for further information.

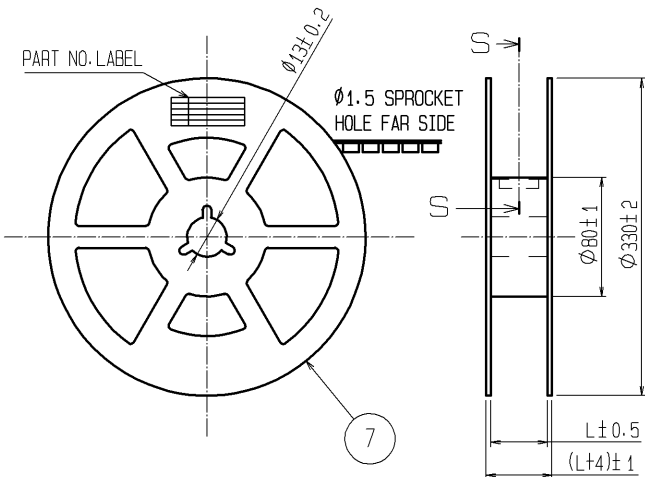
エンボスキャリアテープ (3:1)



N-N (3:1)



STYLE AND DIMENSION OF REEL (FREE)

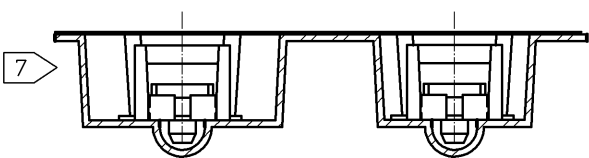


PART No.	CODE No.	NUMBER OF CONTACTS	G	H	J	K	L
DF9- 9P-1V(69)	CL540-0066-9-69	9	24	—	11.5	8.7	25.5
DF9-11P-1V(69)	CL540-0067-1-69	11	24	—	11.5	9.7	25.5
DF9-13P-1V(69)	CL540-0068-4-69	13	24	—	11.5	10.7	25.5
DF9-15P-1V(69)	CL540-0069-7-69	15	24	—	11.5	11.7	25.5
DF9-17P-1V(69)	CL540-0070-6-69	17	24	—	11.5	12.7	25.5
DF9-19P-1V(69)	CL540-0071-9-69	19	24	—	11.5	13.7	25.5
DF9-21P-1V(69)	CL540-0072-1-69	21	24	—	11.5	14.7	25.5
DF9-23P-1V(69)	CL540-0073-4-69	23	32	28.4	14.2	15.7	33.5
DF9-25P-1V(69)	CL540-0074-7-69	25	32	28.4	14.2	16.7	33.5
DF9-31P-1V(69)	CL540-0075-0-69	31	32	28.4	14.2	19.7	33.5
DF9-41P-1V(69)	CL540-0214-4-69	41	44	40.4	20.2	24.7	45.5
DF9-51P-1V(69)	CL540-0088-1-69	51	44	40.4	20.2	29.7	45.5

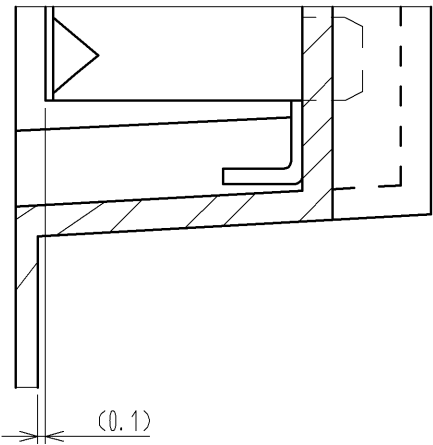
DIRECTION OF UNREELING

P-P (3:1)

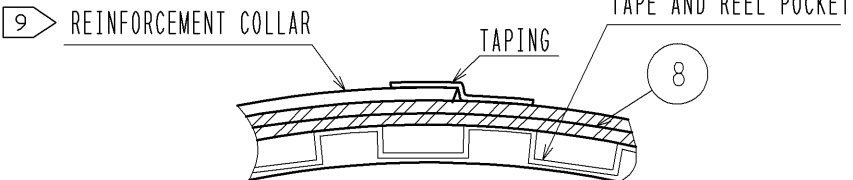
Q-Q (3:1)



M (10:1)



S-S (FREE)



NOTES 4 : 1 REEL 1000 CONNECTORS.

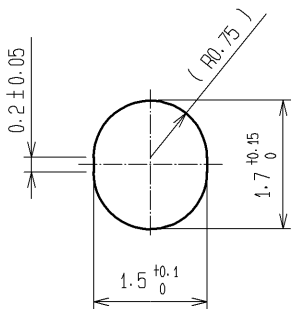
- 5 : AT THE BEIGINING OF THE REEL,
30 COMPONENTS SHALL BE EMPTY.
AT THE END OF THE REEL,
20 COMPONENTS SHALL BE EMPTY.
- 6 LET THE SENDING HOLE OF 9 TO 21 CONTACTS
BE ONLY THE UPPER ONE SIDE TOWARD A DRAWING.
THE SENDING HOLE OF 23 OR MORE CONTACTS
IS ESTABLISHED IN BOTH SIDES, AS SHOWN IN A FIGURE.
- 7 A POCKET SHAPE IS DIFFERET AT INTERVALS OF EACH
CAVITY NUMBER TO AVOID OVERLAP.
- 8 : PEEL FORCE REFERS TO JIS C 0806.
- 9 AFTER PACKING, ROLL 2 METERS OF THE REINFORCEMENT
COLLAR TO OUTER CIRCUMFERENCE OF TAPE AND REEL
POCKET, AND TAPE DOWN AT THE END THE COLLAR.

DETAIL OF PART NO. LABEL

SUPPLIER
QUANTITY
PART NO.
CODE NO.
DATE OF MANUFACTURED

生産月日	年 月 日
図番	CL540-****-**-69
品名	DF9-*P-1V(69)
納入数量	1000K ϕ
納入者	ヒロセ電機 (株)

R (10:1)



HS

DRAWING NO. EDC3-341298-02
PART NO. DF9-*P-1V(69)
CODE NO. CL540-

2/2