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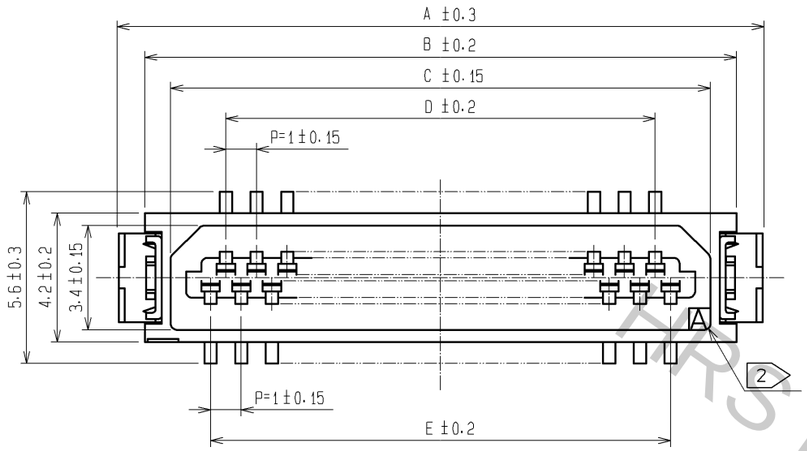
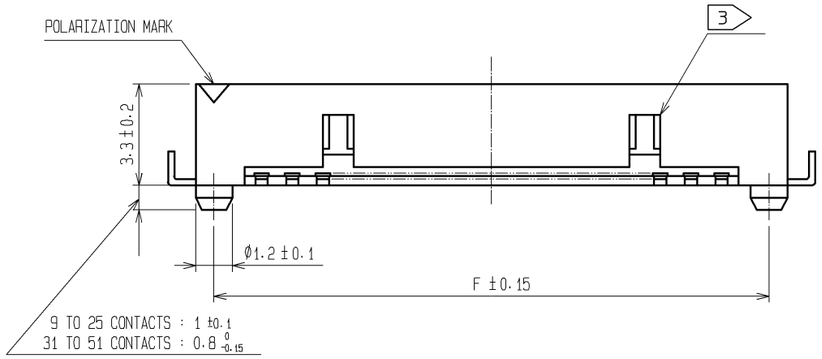
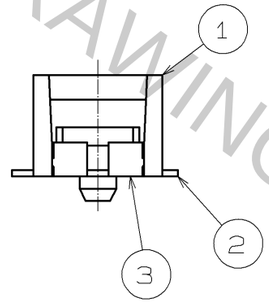
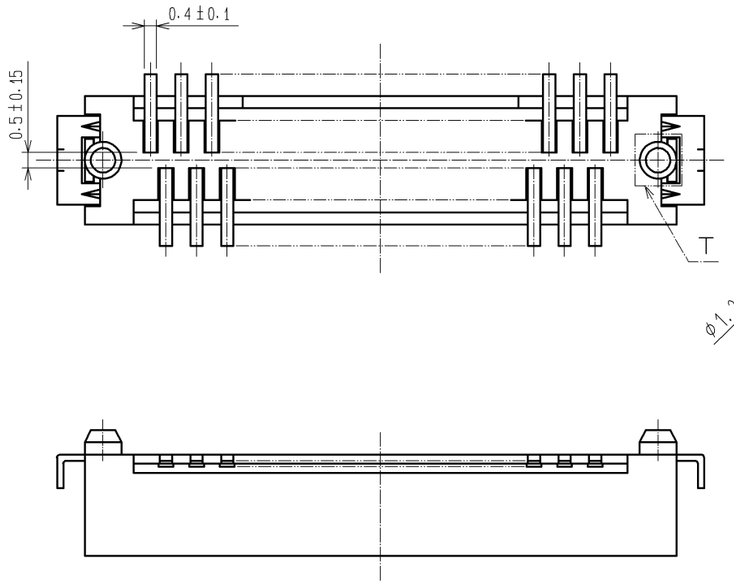
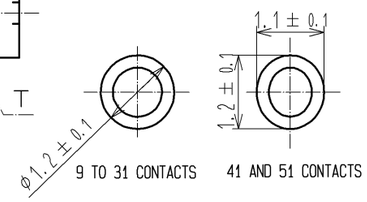
THIS DRAWING FOR REFERENCE



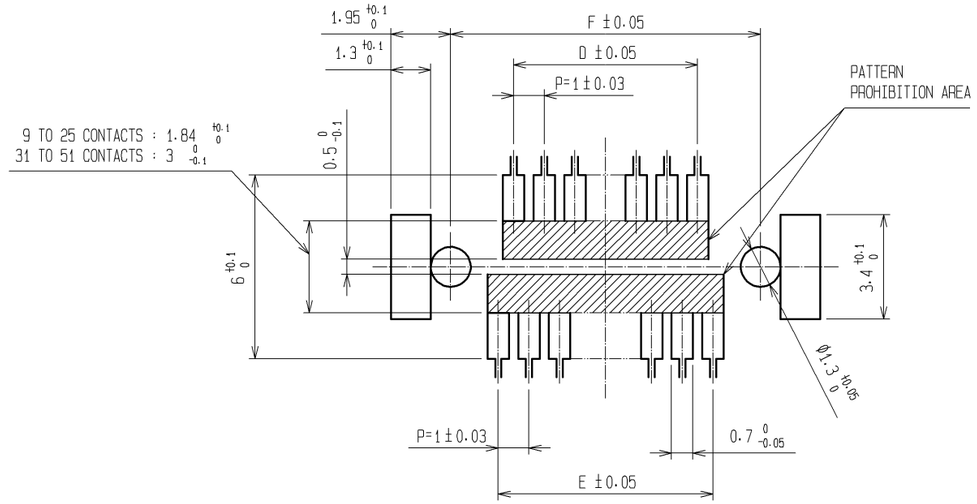








RECOMMENDED PATTERN



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.

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

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	△					

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	△ 1/2

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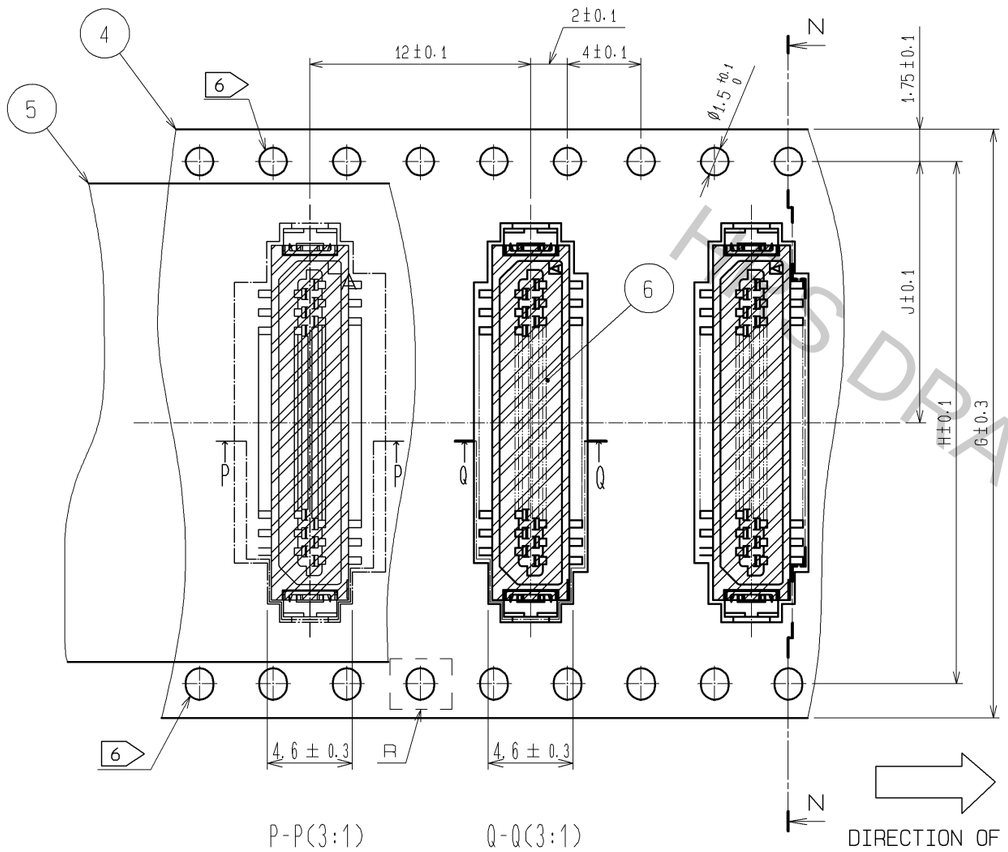
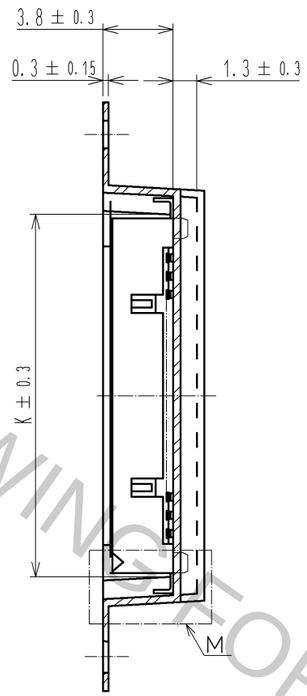
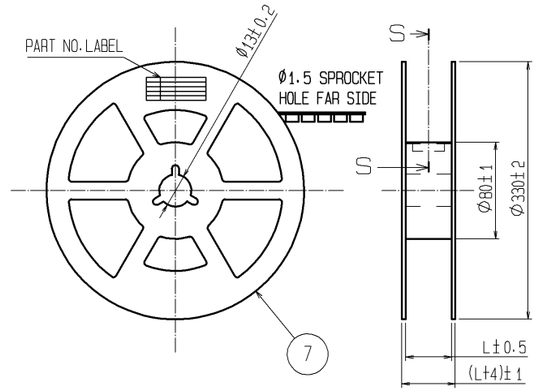
エンボスキャリアテープ（3：1）



N-N（3：1）

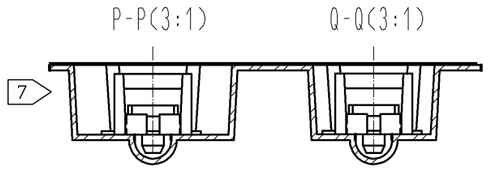


STYLE AND DIMENSION OF REEL (FREE)

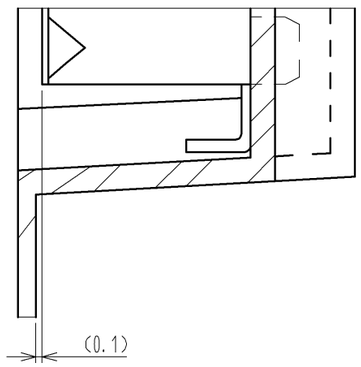


PART No.	CODE No.	NUMBER OF CONTACTS	G	H	J	K	L
DF9- 9P-1V(69)	CL540-0066-9-69	9	24	—	11.5	8.7	25.5
DF9-11P-1V(69)	CL540-0067-1-69	11	24	—	11.5	9.7	25.5
DF9-13P-1V(69)	CL540-0068-4-69	13	24	—	11.5	10.7	25.5
DF9-15P-1V(69)	CL540-0069-7-69	15	24	—	11.5	11.7	25.5
DF9-17P-1V(69)	CL540-0070-6-69	17	24	—	11.5	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

P-P(3:1)　Q-Q(3:1)

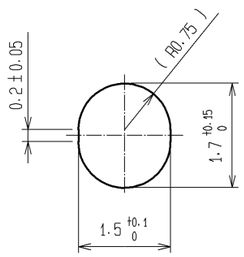


M（10：1）



S-S（FREE）

R（10：1）



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	1000Ko
納入者	ヒロセ電機（株）

9 REINFORCEMENT COLLAR　TAPING　TAPE AND REEL POCKET　8

NOTES 4 : 1 REEL 1000 CONNECTORS.
5 : AT THE BEIGINNING 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.

HRS DRAWING FOR REFERENCE ONLY

HRS	DRAWING NO.	EDC3-341298-02
	PART NO.	DF9-*P-1V(69)
	CODE NO.	CL540- △ 2/2