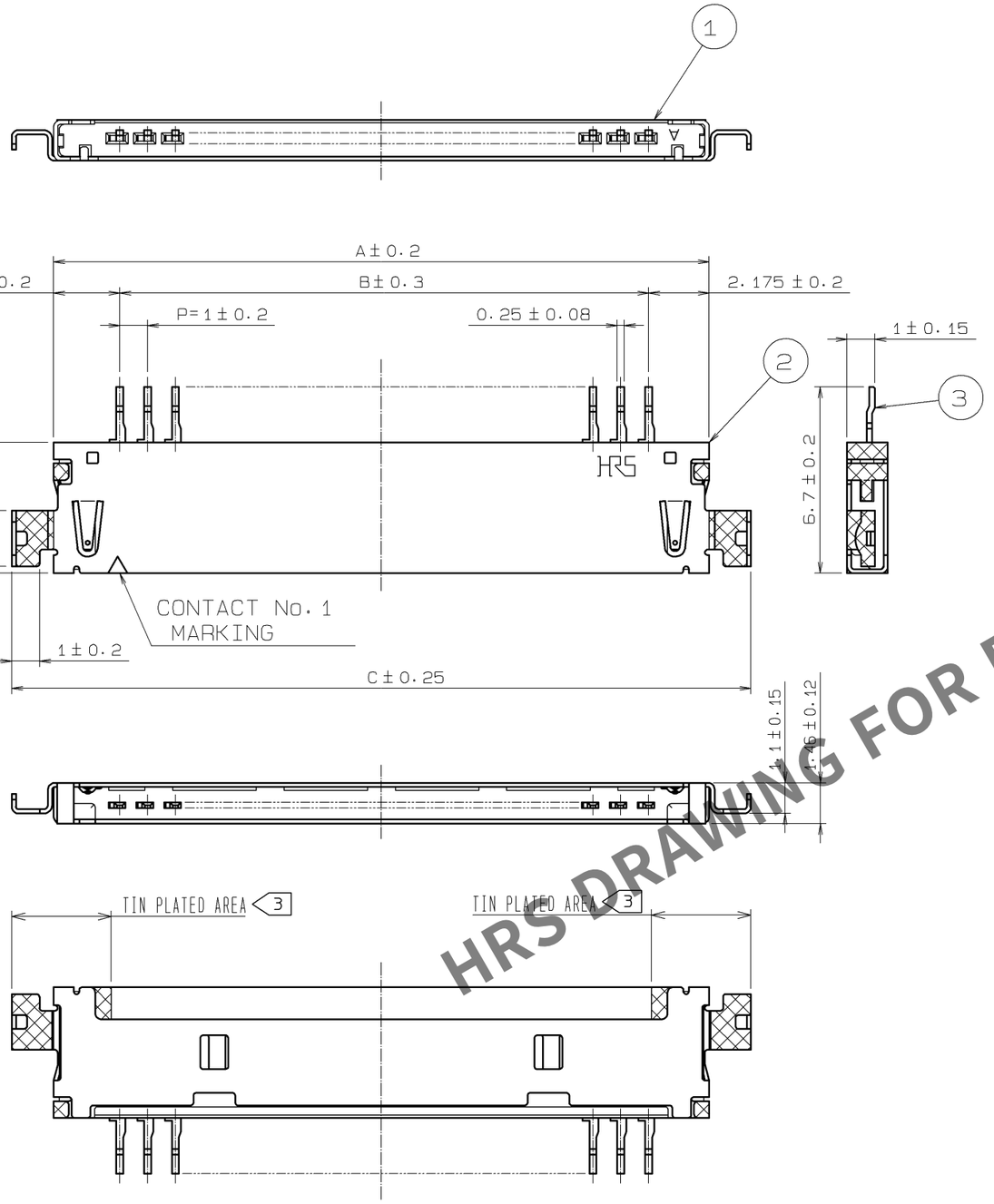
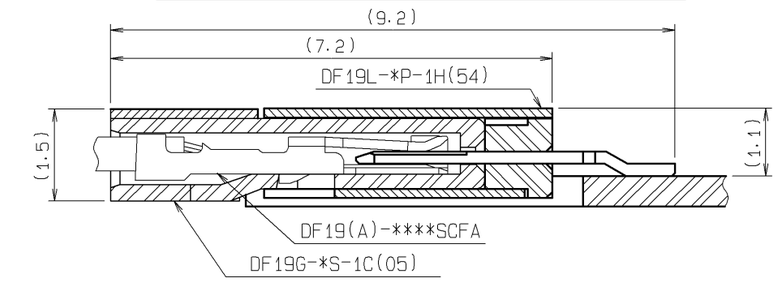
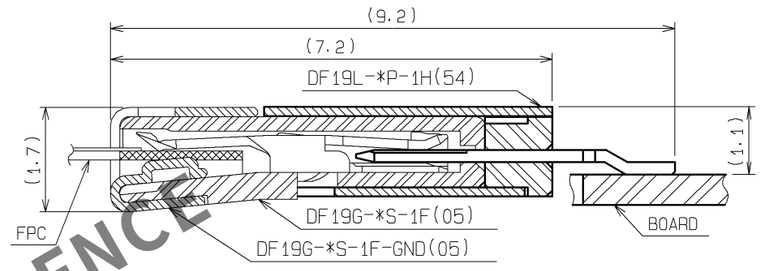
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

HRS DRAWING FOR REFERENCE

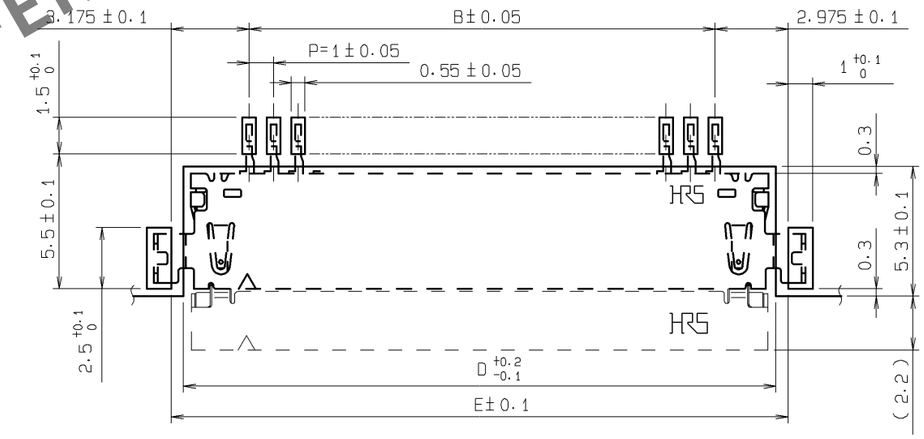


APPLICATION DIAGRAM(10:1)





2 RECOMMENDED PATTERN(FREE)



PART No.	CODE No.	NUMBER OF CONTACT	A	B	C	D	E
DF19L-14P-1H(54)	CL685-0003-8-54	14	17.55	13	20.55	18.15	19.15
DF19L-20P-1H(54)	CL685-0019-8-54	20	23.55	19	26.55	24.15	25.15
DF19L-30P-1H(54)	CL685-0016-0-54	30	33.55	29	36.55	34.15	35.15

NOTES1: LEAD CO-PLANARITY SHALL BE 0.1 mm MAX.

2 RECOMMENDED THICKNESS OF CREAM SOLDER PASTE:0.15mm
OPEN AREA RATIO:100%

NO.	MATERIAL	FINISH, REMARKS
5	POLYESTER	CLEAR, (COVER TAPE)
4	PS	CLEAR, (EMBOSSED CARRIER TAPE)
3	PHOSPHER BRONZE	CONTACT AREA:GOLD PLATED 0.1μm min LEAD AREA:TIN-COPPER PLATED 1μm min UNDER PLATING:NICKEL PLATED 1μm min
2	PHOSPHER BRONZE	LEAD AREA:TIN PLATED 1μm min 3 UNDER PLATING:NICKEL PLATED 0.5μm min
1	POLYAMIDE	BLACK, UL94V-0

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

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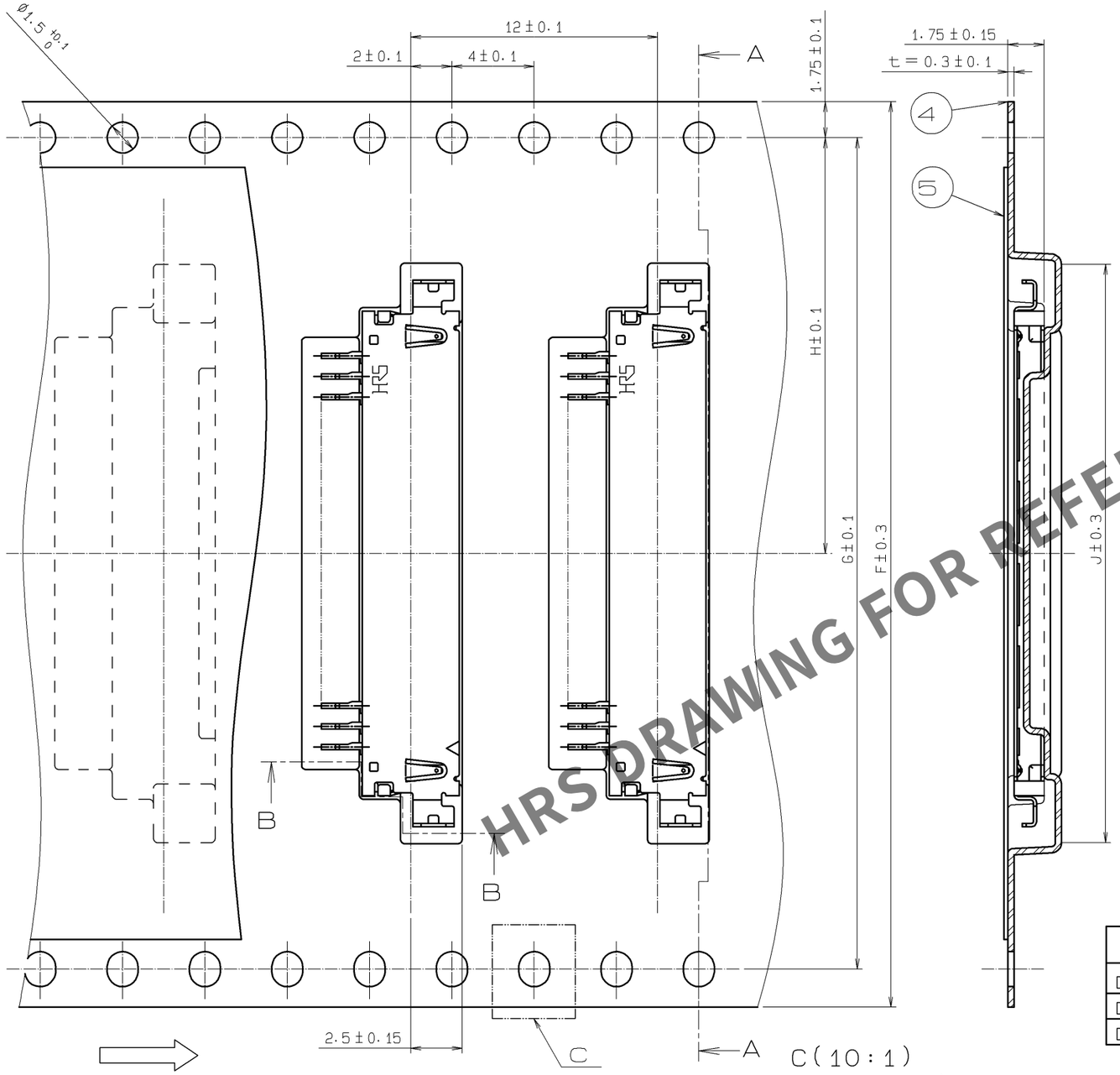
APPROVED	TS. SAKATA	09.03.02
CHECKED	TS. KUMAZAWA	09.03.02
DESIGNED	SN. KOBAYASHI	09.02.27
DRAWN	SN. KOBAYASHI	09.02.27

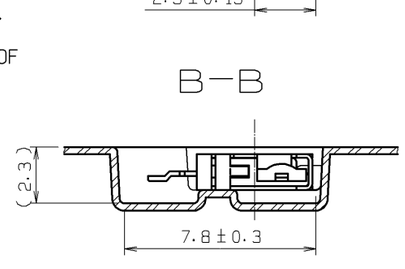
DRAWING NO.	EDC3-311645-01
PART NO.	DF19L-*P-1H(54)
CODE NO.	CL685-

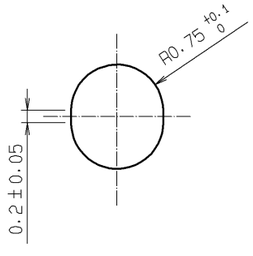
△ 1/2

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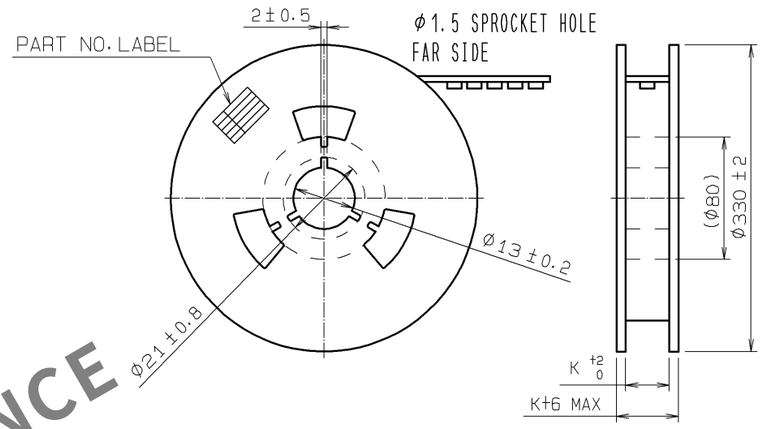
HRS DRAWING FOR REFERENCE



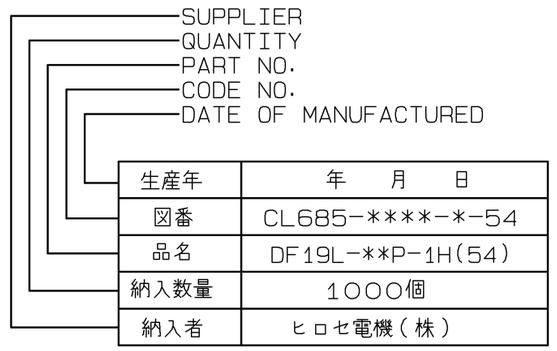




STYLE AND DIMENTION OF REEL(FREE SIZE)



DETAIL OF PART NO. LABEL



生産年	年　月　日
図番	CL685−＊＊＊＊−＊−54
品名	DF19L−＊＊P−1H(54)
納入数量	1000個
納入者	ヒロセ電機(株)

PART No.	CODE No.	NUMBER OF CONTACT	F	G	H	J	K
DF19L-14P-1H(54)	CL685-0003-8-54	14	44	40.4	20.2	22.1	44.4
DF19L-20P-1H(54)	CL685-0019-8-54	20	44	40.4	20.2	28.1	44.4
DF19L-30P-1H(54)	CL685-0016-0-54	30	56	52.4	26.2	38.1	56.4

NOTES4: PER REEL : 1000 CONNECTORS
5: AT THE BEGINNING OF THE REEL, 30 COMPONENTS SHALL BE EMPTY. AT THE END OF THE REEL, 20 COMPONENTS SHALL BE EMPTY.

HRS	DRAWING NO.	EDC3-311645-01
	PART NO.	DF19L-＊P-1H(54)
	CODE NO.	CL685- △ 2/2