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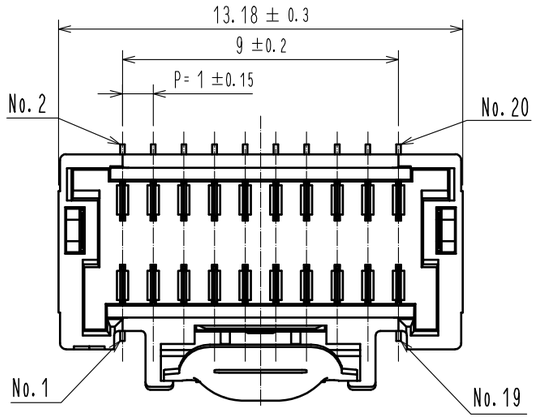
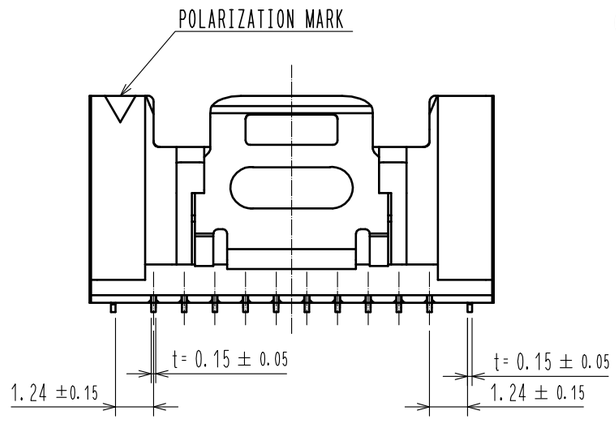
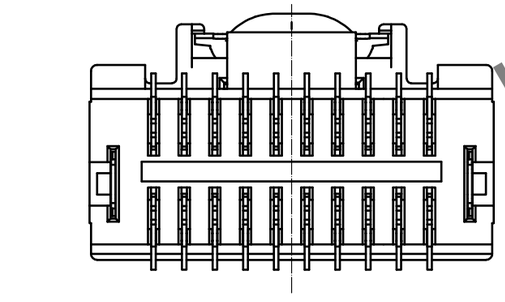
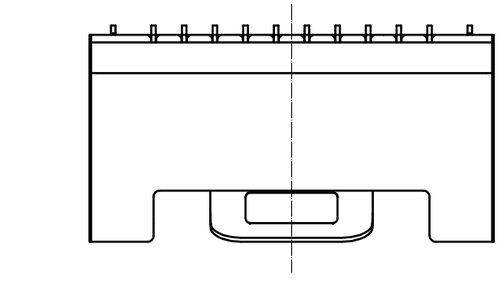
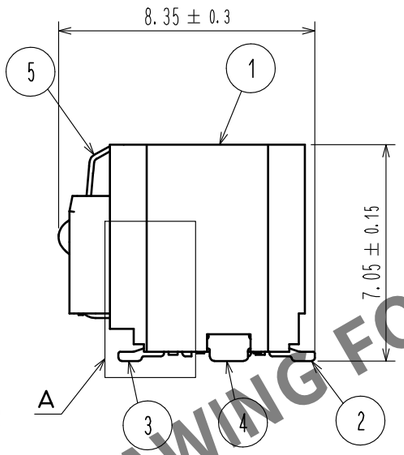


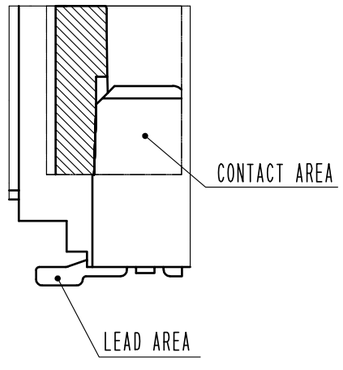




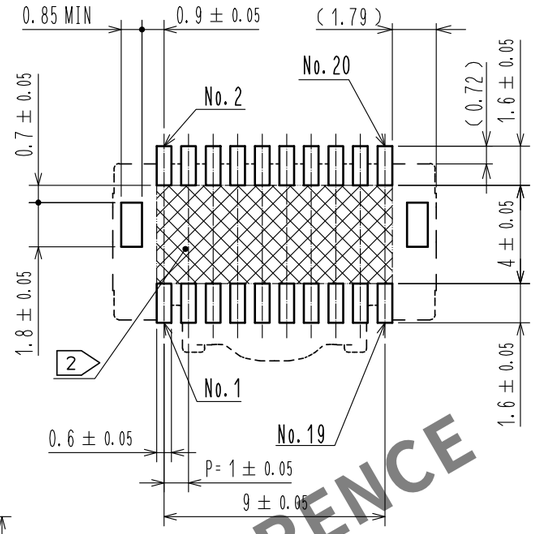




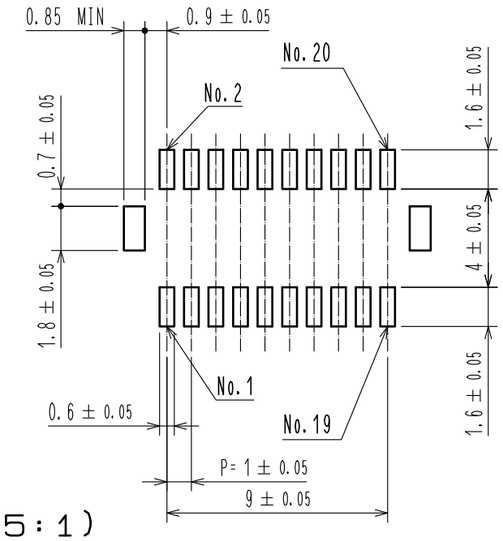
A(10:1)



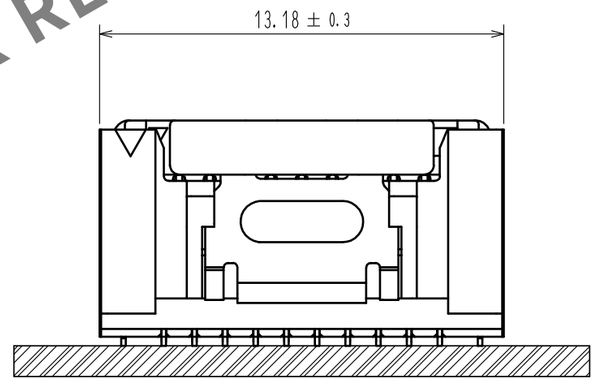
RECOMMENDED PCB LAYOUT
(MOUNTING SURFACE SIDE) (FREE)

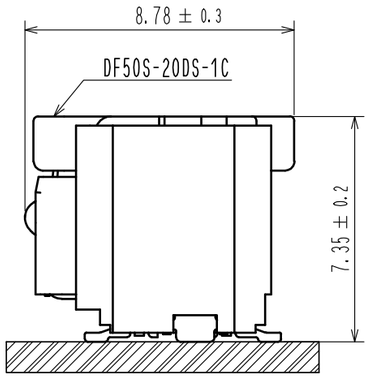


RECOMMENDED METAL MASK(FREE)
THICKNESS : 0.1mm



MATING FIGURE(5:1)





HRS DRAWING FOR REFERENCE

NOTES 1. LEAD CO-PLANARITY SHALL BE 0.1 mm MAX.
2 ▨ AREA INDICATED MUST BE FREE OF CONDUCTIVE TRACES OR THE CONDUCTIVE TRACES MUST BE COVERED BY RESIST FILM.
3. PLEASE CONSULT HIROSE WHEN THE PRODUCT IS MOUNTED TO FPC.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	BRASS	CONTACT AREA : Au PLATING 0.05μm MIN. LEAD AREA : Au PLATING 0.05μm MIN. UNDERPLATING : Ni PLATING 1μm MIN.	9	POLYAMIDE	VACUUM CAP
			8	PS	REEL, BLACK
			7	POLYYESTER	CLEAR
2	BRASS	CONTACT AREA : Au PLATING 0.05μm MIN. LEAD AREA : Au PLATING 0.05μm MIN. UNDERPLATING : Ni PLATING 1μm MIN.	6	PS	CLEAR
			5	STANLESS STEEL	—
			4	BRASS	SURFACE : Sn PLATING 1μm MIN. UNDERPLATING : Ni PLATING 0.5μm MIN.
1	LCP	BLACK, UL94V-0			

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	FREE	2	1	DIS-H-00005059	HT.SATO	HS.OKAWA	20190711

HIROSE ELECTRIC CO., LTD.

APPROVED	OM.MIYAMOTO	20120131
CHECED	OM.MIYAMOTO	20120131
DESIGNED	TT.OHSAKO	20120131
DRAWN	TT.OHSAKO	20120131

DRAWING NO.	EDC-339519-52-02
PART NO.	DF50-20DP-1V(52)
CODE NO.	CL665-0019-3-52

2 1/2

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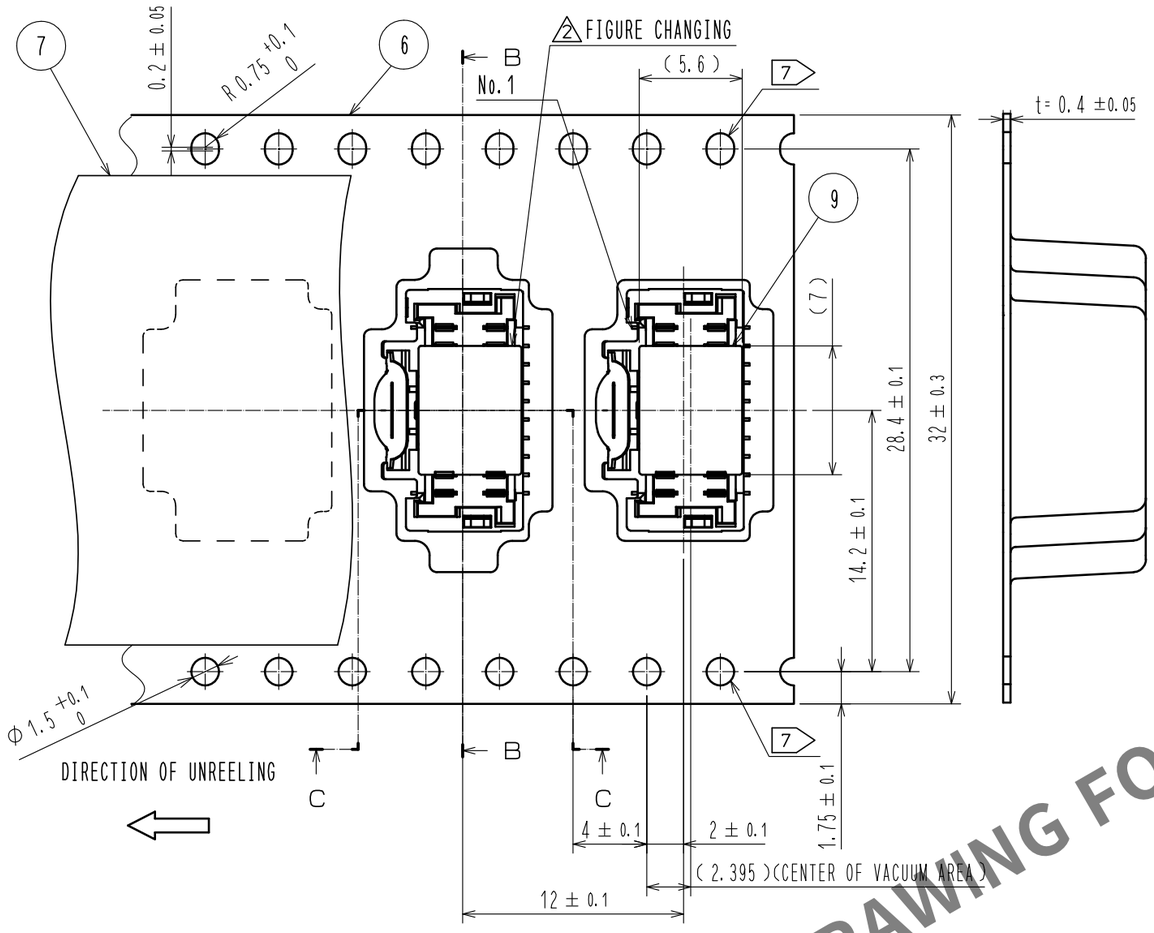
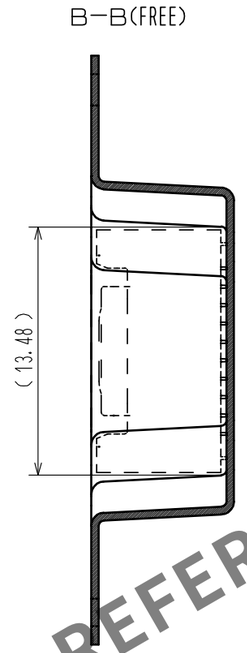
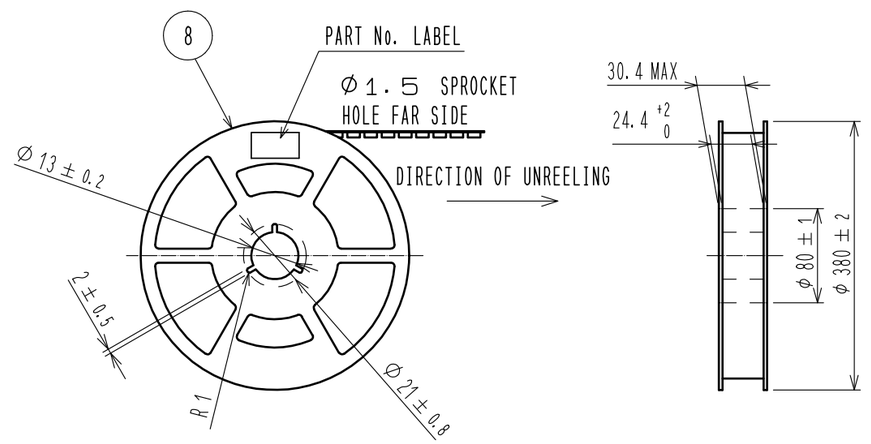




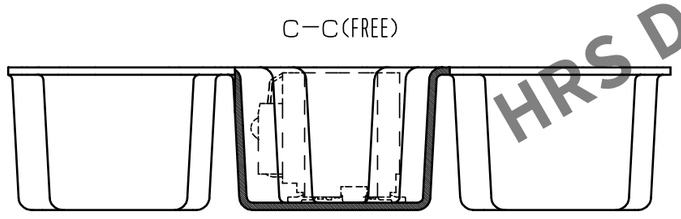
STYLE AND DIRECTION REEL (FREE)



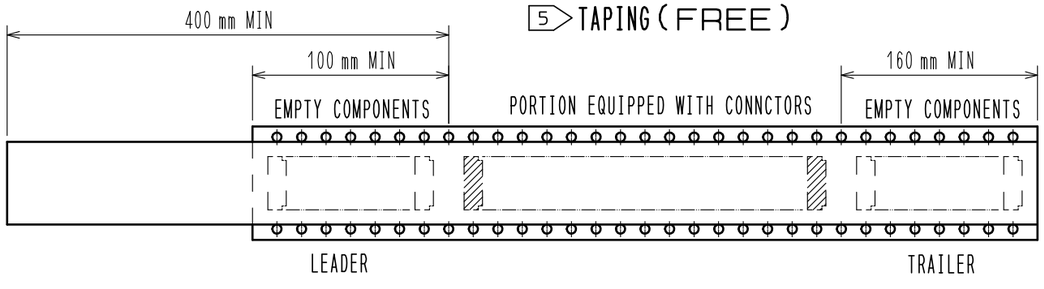
品名ラベル詳細

生産月日	年　月　日
図　番	CL665-0019-3-52
品　名	DF50-20DP-1V(52)
納入数量	1000 KO
納入者	ヒロセ電機(株)

SUPPLIER
QUANTITY
PART No.
CODE No.
DATE OF MANUFACTURED

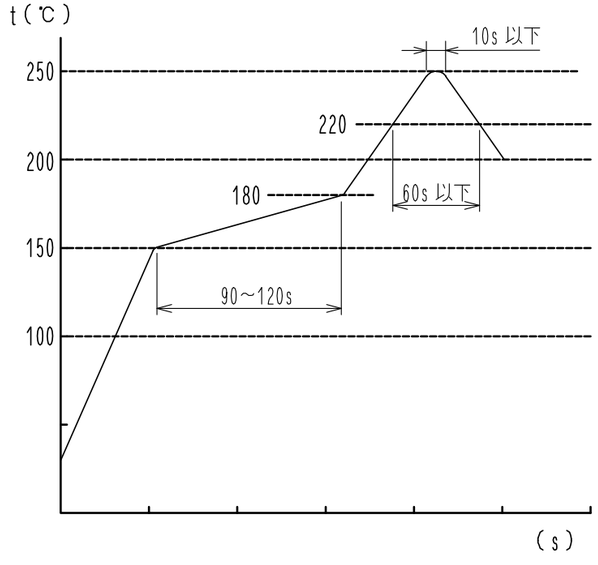


5 TAPING (FREE)



NOTES 4. 1REEL :1000CONNECTORS.
5 REEL TO JIS C 806.(PACKAGING OF COMPONENTS FOR AOUTOMATIC HANDLING.)
6. THE DIMENTIONS IN PARENTHESES ARE FOR REFERANCE.
7 THE MISPLACEMENT OF CENTERS FOR THE HOLE AND THE ELONGATE HOLE IS 0.05mm MAX.

REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE(REFERENCE)



NUMBER OF REFLOW CYCLES : 2 CYCLES MAX.
THE TEMERATURE OF THIS PROFILE IS MASURED ON THE LEAD TERMINAL.

WE RECOMMEND PERFORMING AN EVALUATION UNDER THE MOUNTING CONDITIONS YOU WILL BE USING BECAUSE IT COULD BE AFFECTED BY ANY CONDITION:TYPE OF SOLDER PASTE, SIZE OF PCB, MOUNTING METAL etc.

DRAWING NO.	EDC-339519-52-02
PART NO.	DF50-20DP-1V(52)
CODE NO.	CL665-0019-3-52

2 2/2