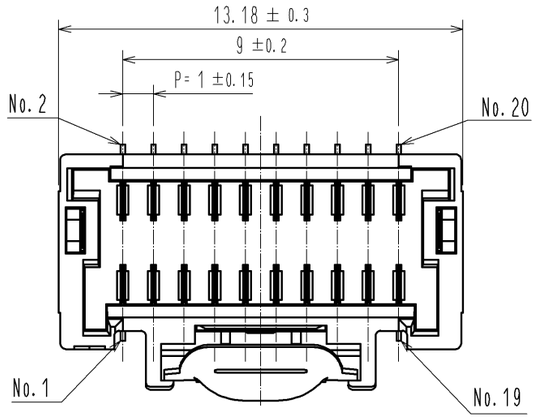
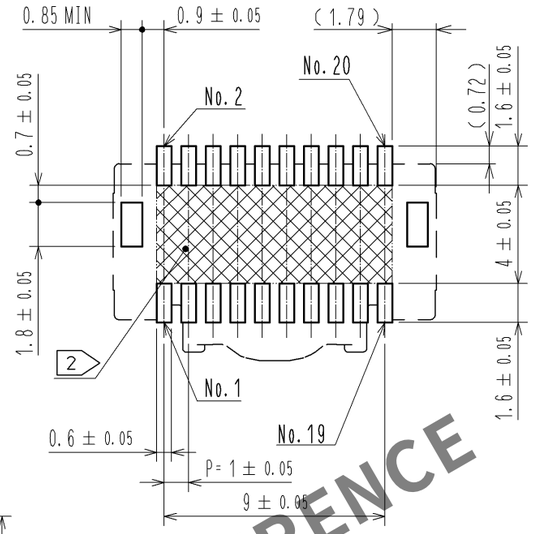
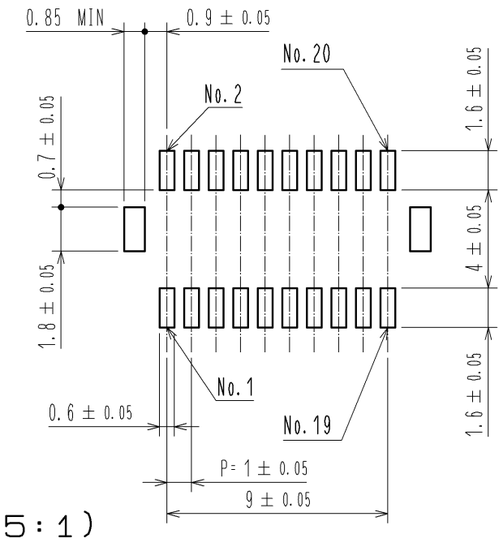
Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

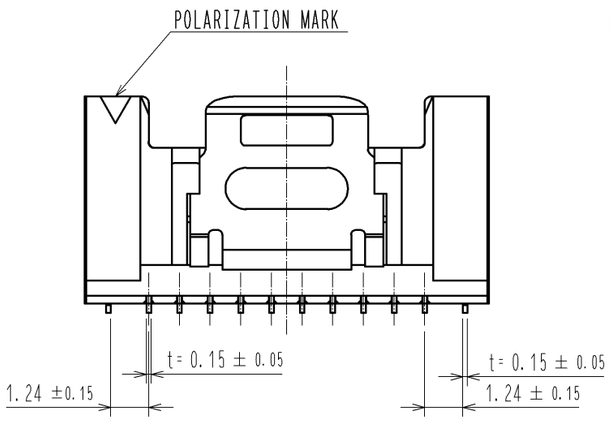


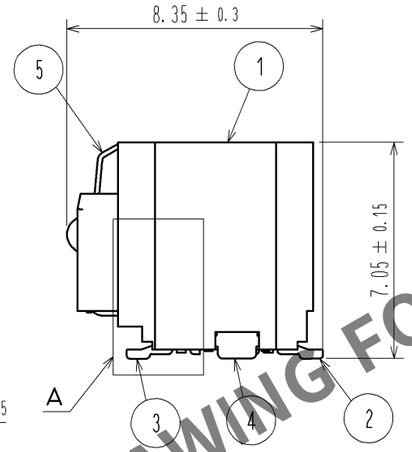
RECOMMENDED PCB LAYOUT
(MOUNTING SURFACE SIDE) (FREE)



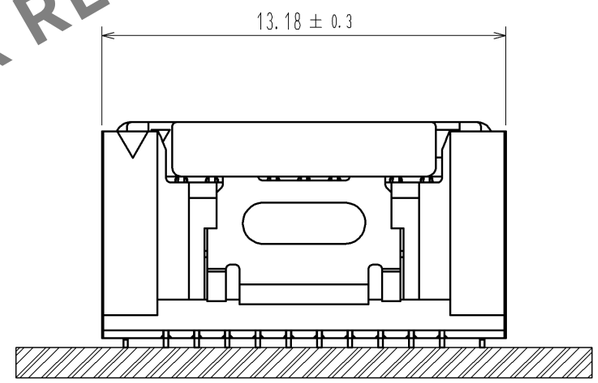
RECOMMENDED METAL MASK(FREE)
THICKNESS : 0.1mm

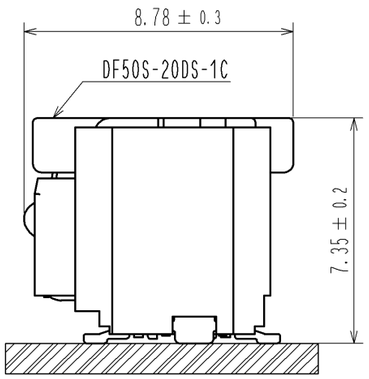






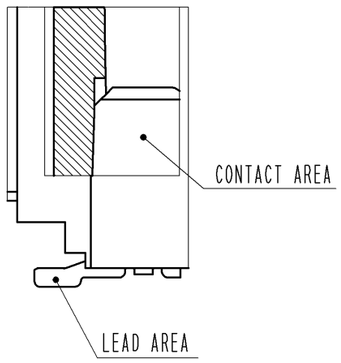
MATING FIGURE (5 : 1)

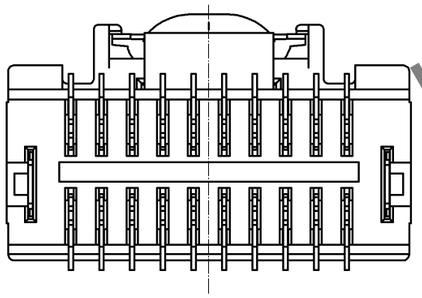


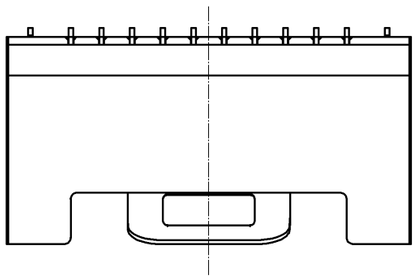


HRS DRAWING FOR REFERENCE

A (10 : 1)







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.	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	-
1	LCP	NATURAL. UL94V-0	4	BRASS	SURFACE : Sn PLATING 1μm MIN. UNDERPLATING : Ni PLATING 0.5μm MIN.

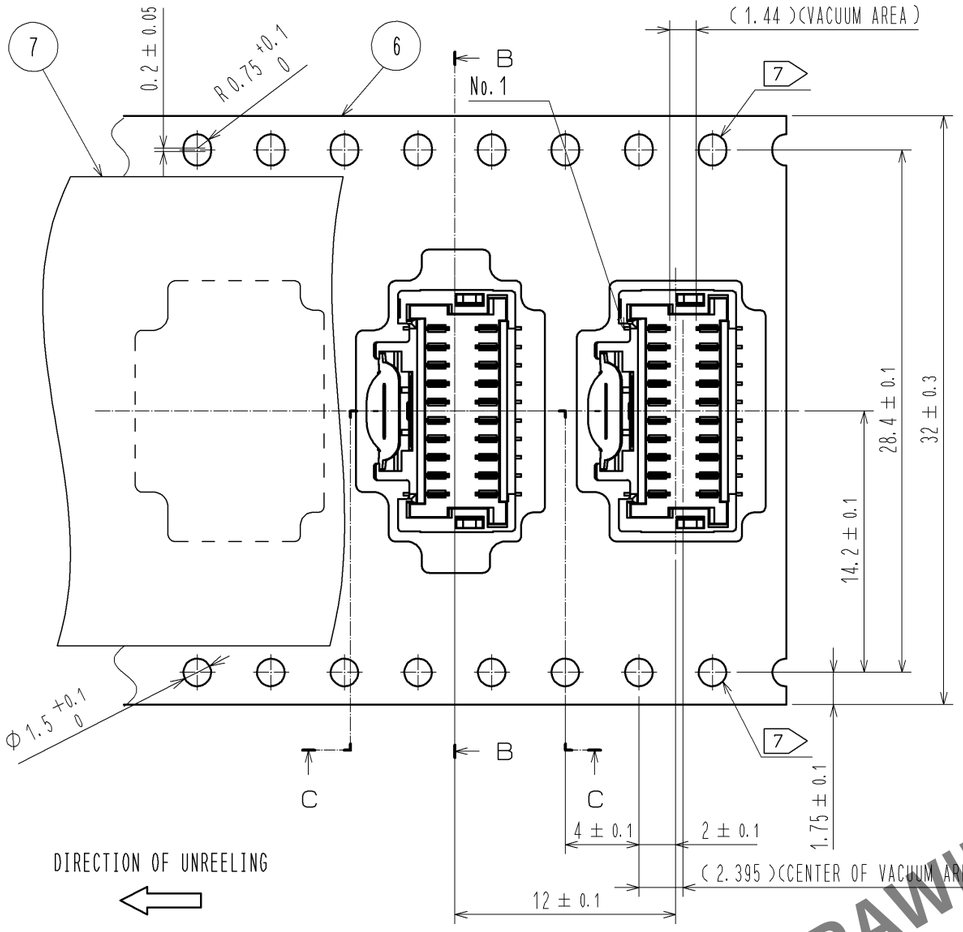
UNITS mm	SCALE FREE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE

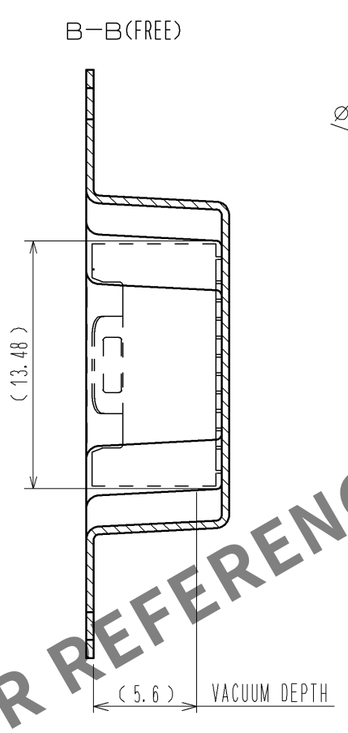
HRS HIROSE ELECTRIC CO., LTD.

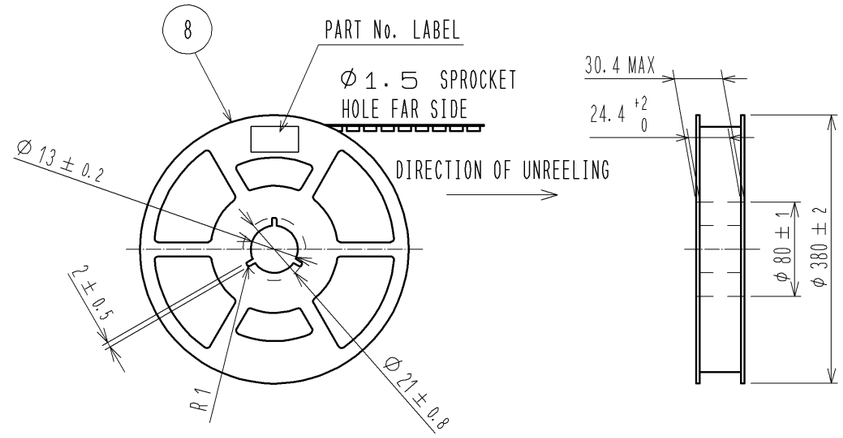
APPROVED	KI. AKIYAMA	14. 10. 17	DRAWING NO. EDC3-339519-04
CHECED	TS. FUKUSHIMA	14. 10. 17	PART NO. DF50-20DP-1V(61)
DESIGNED	HT. SATO	14. 10. 17	
DRAWN	MI. SAKIMURA	14. 10. 16	CODE NO. CL665-0019-3-61

△ 1/2

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.



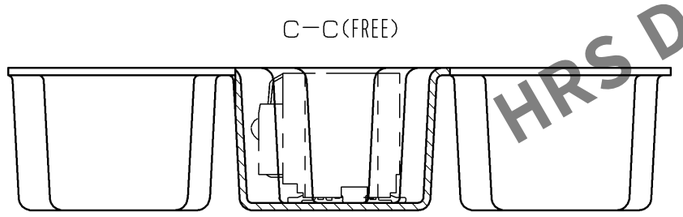


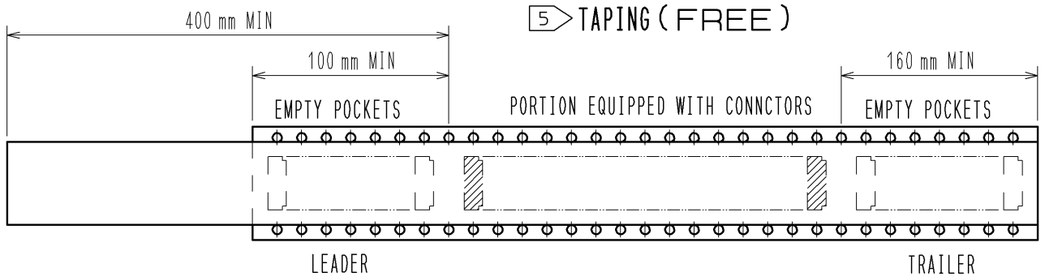


品名ラベル詳細

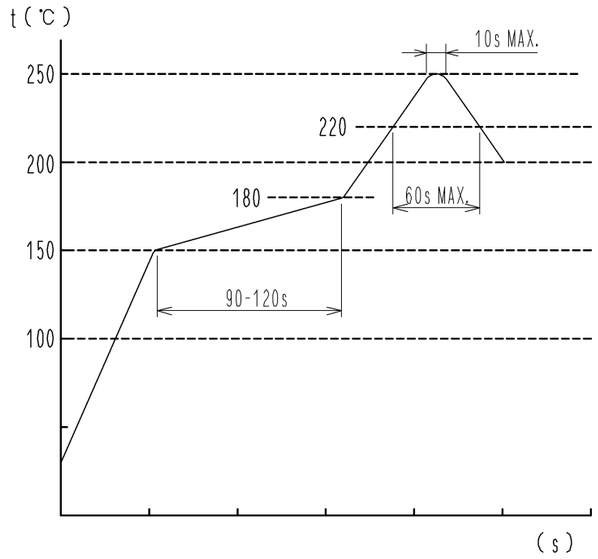
生産月日	年　月　日
図　番	CL665-0019-3-61
品　名	DF50-20DP-1V(61)
納入数量	1000 KO
納入者	ヒロセ電機(株)

SUPPLIER
QUANTITY
PART No.
CODE No.
DATE OF MANUFACTURED





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 MATERIAL etc.

NOTES 4. 1REEL :1000 CONNECTORS.
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.

HRS DRAWING FOR REFERENCE

DRAWING NO.	EDC3-339519-04
PART NO.	DF50-20DP-1V(61)
CODE NO.	CL665-0019-3-61

△ 2/2