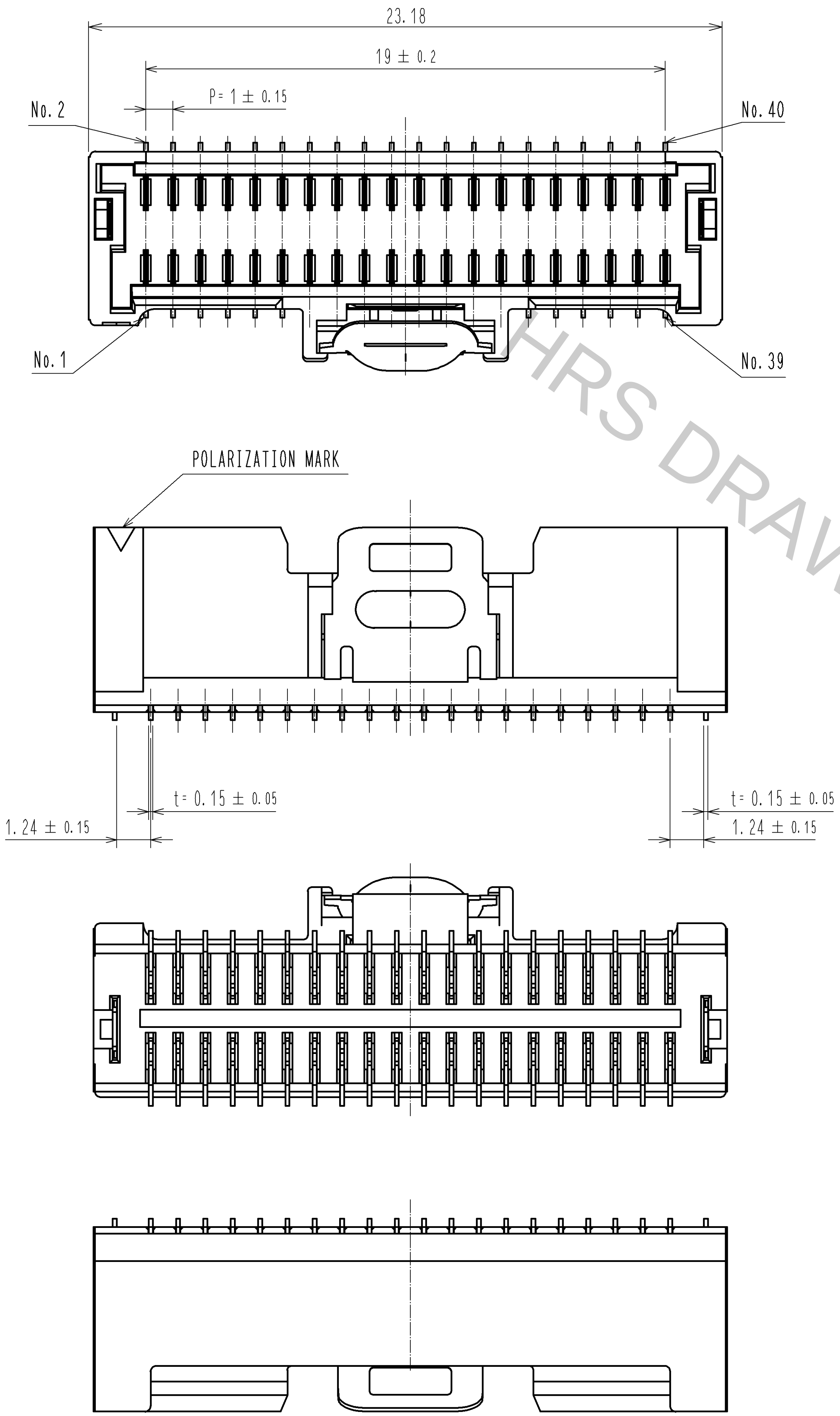
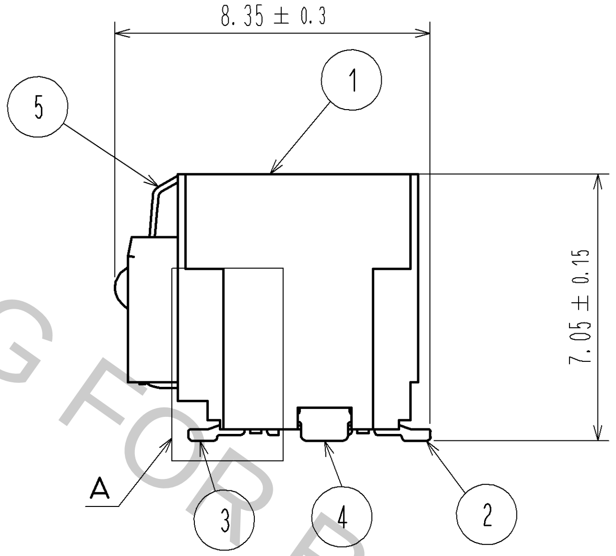
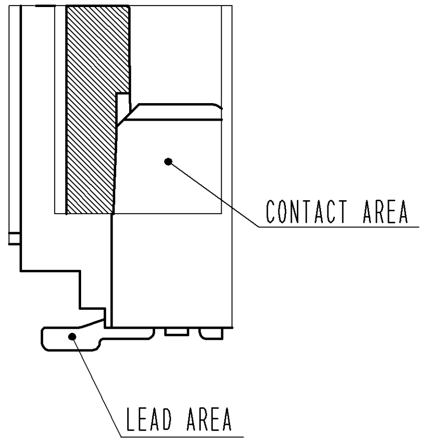




A(10:1)



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.	9	POLYAMIDE	VACUUM CAP
		LEAD AREA : Au PLATING 0.05μm MIN.	8	PS	REEL. BLACK
		UNDERPLATING : Ni PLATING 1μm MIN.	7	POLYESTER	CLEAR
2	BRASS	CONTACT AREA : Au PLATING 0.05μm MIN.	6	PS	CLEAR
		LEAD AREA : Au PLATING 0.05μm MIN.	5	STAINLESS STEEL	-
		UNDERPLATING : Ni PLATING 1μm MIN.	4	BRASS	SURFACE : Sn PLATING 1μm MIN.
1	LCP	NATURAL. UL94V-0			UNDERPLATING : Ni PLATING 0.5μm MIN.

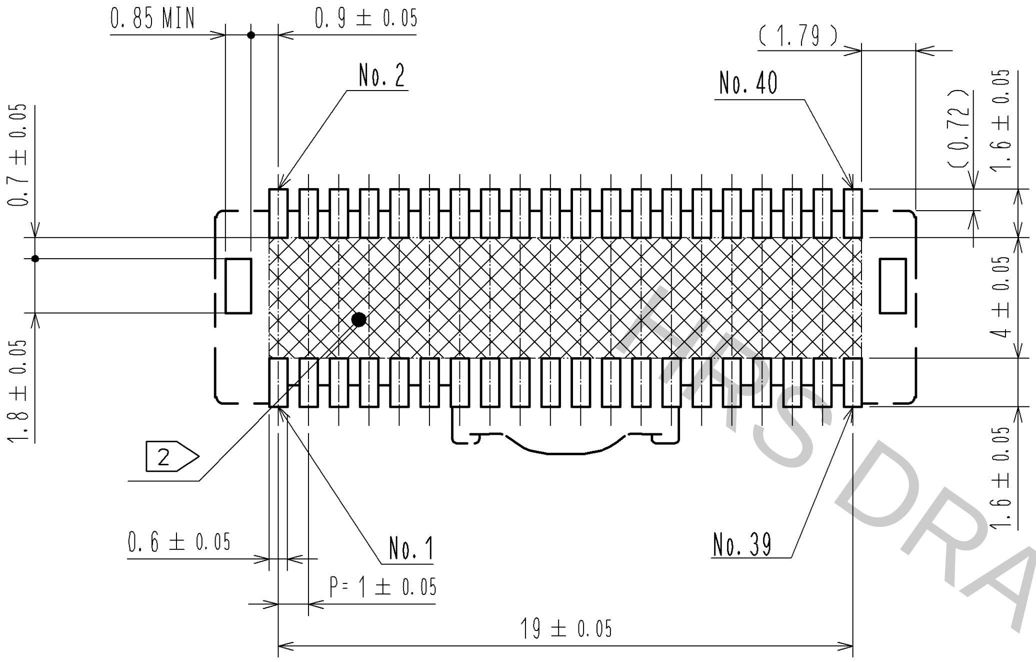
UNITS mm	SCALE FREE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
		△					

HIROSE ELECTRIC CO., LTD.

APPROVED	KI. AKIYAMA	14.10.24
CHECED	TS. FUKUSHIMA	14.10.24
DESIGNED	HT. SATO	14.10.23
DRAWN	MI. SAKIMURA	14.10.22

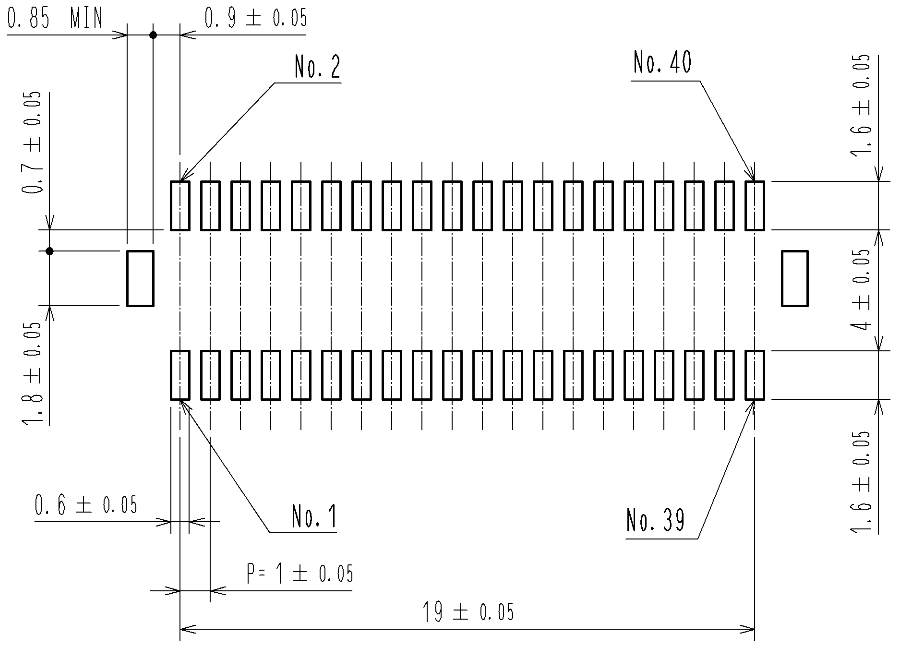
DRAWING NO.	EDC3-324909-04
PART NO.	DF50-40DP-1V(62)
CODE NO.	CL665-0005-9-62 △ 1/3

RECOMMENDED PCB LAYOUT (MOUNTING SURFACE SIDE) (FREE)

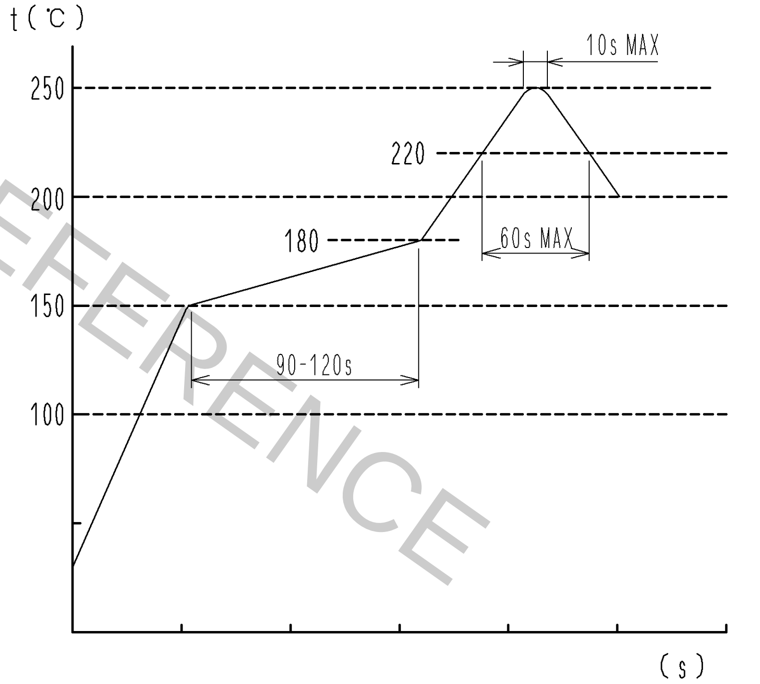


RECOMMENDED METAL MASK (FREE)

THICKNESS : 0.1mm



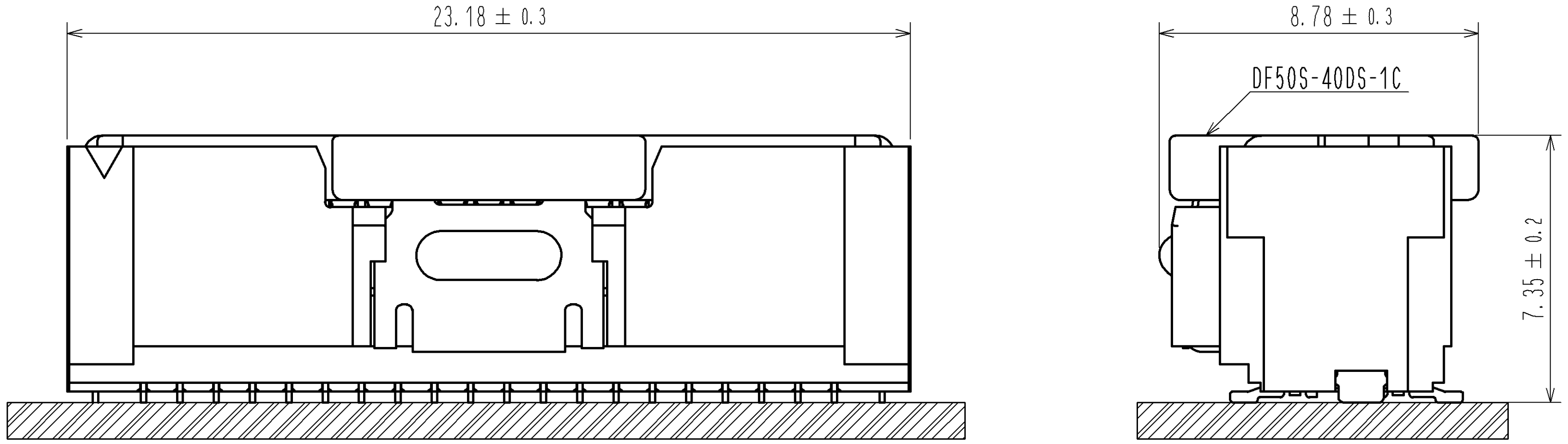
REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE(REFERENCE)



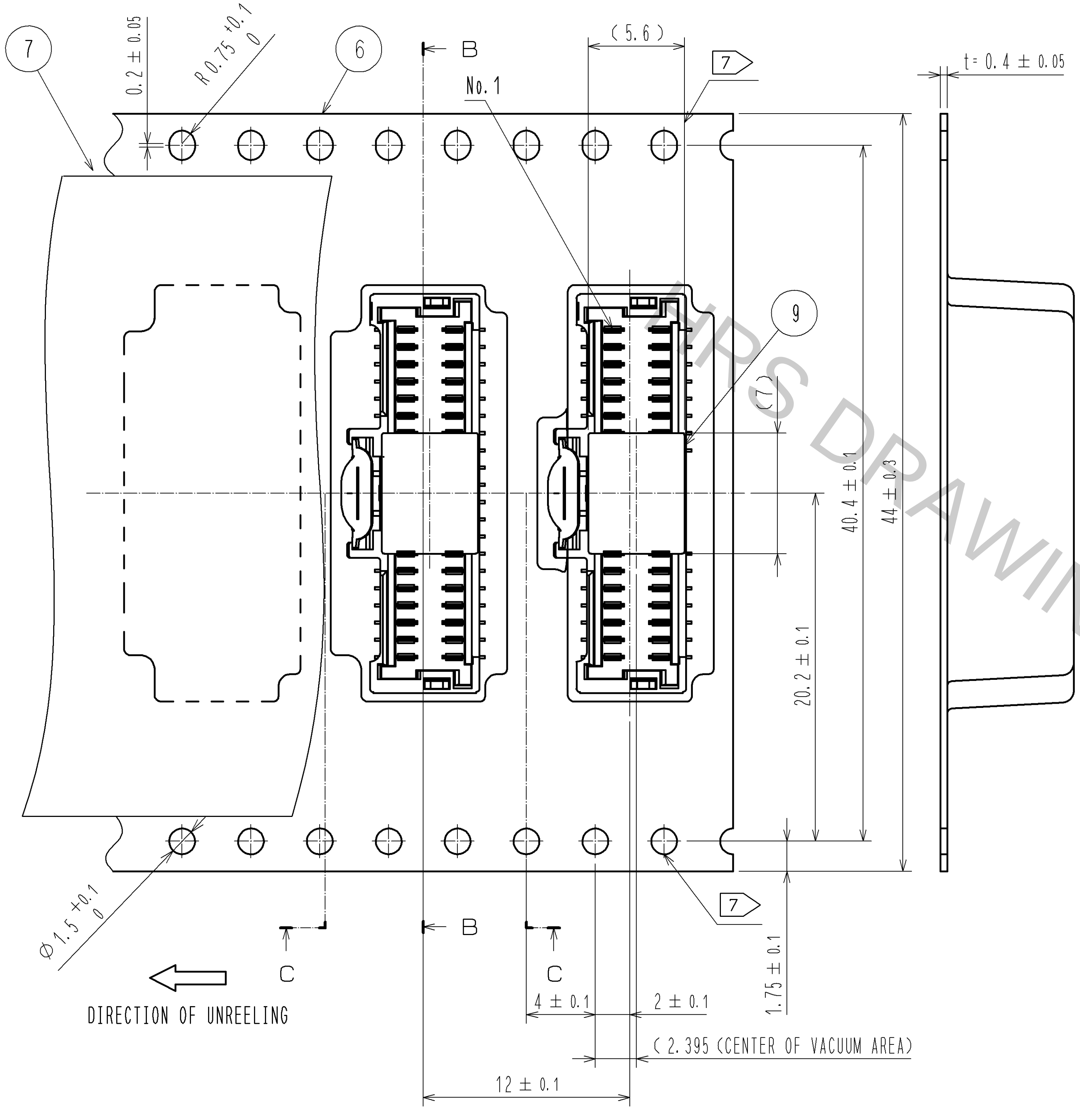
NUMBER OF REFLOW CYCLES : 2 CYCLES MAX.
THE TEMERATURE OF THIS PROFILE IS MEASURED ON THE LEAD TERMINAL.

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.

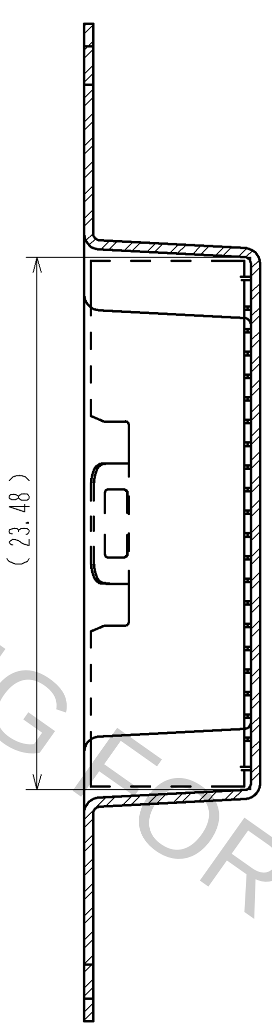
MATING FIGURE (5:1)



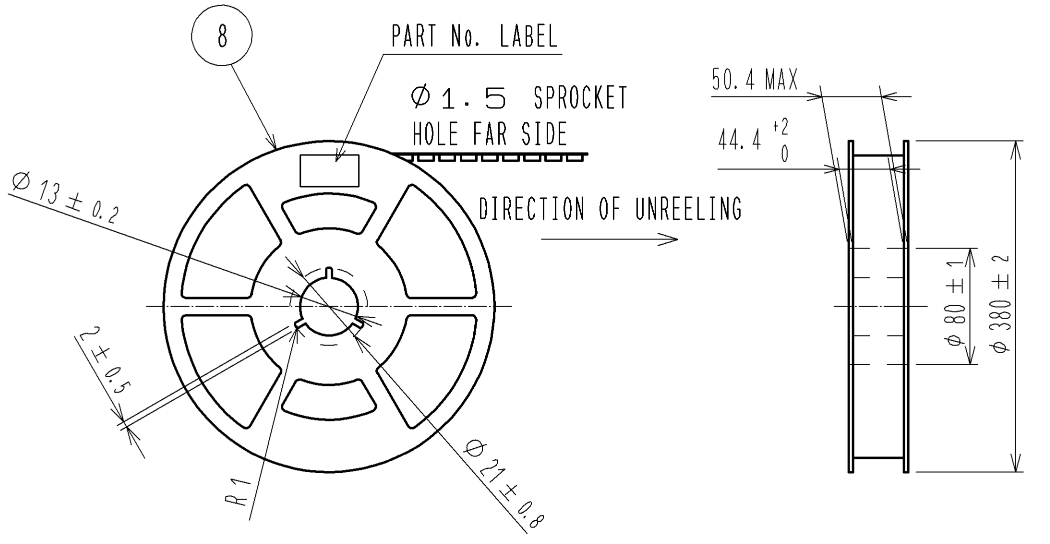
DRAWING NO.	EDC3-324909-04
PART NO.	DF50-40DP-1V(62)
CODE NO.	CL665-0005-9-62



B-B(FREE)



STYLE AND DIMENSION OF REEL(FREE)

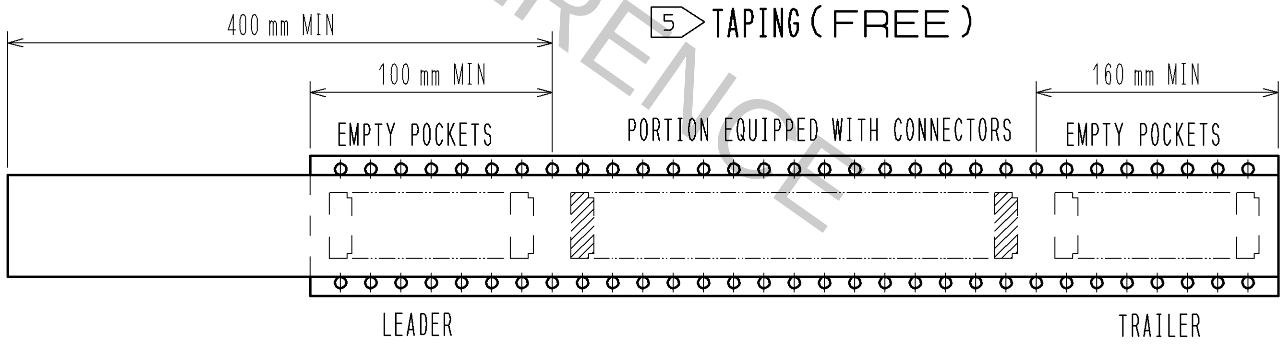


DETAL OF PART No.LABEL

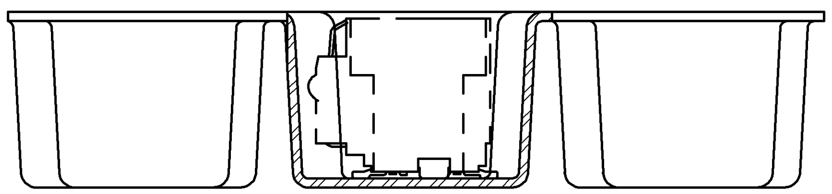
生産月日	年　　月　　日
図　番	CL665-0005-9-62
品　名	DF50-40DP-1V(62)
納入数量	1000 KO
納入者	ヒロセ電機（株）

SUPPLIER
QUANTITY
PART No.
CODE No.
DATE OF MANUFACTURED

5 TAPING(FREE)



C-C(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.

HRS
DRAWING NO. EDC3-324909-04
PART NO. DF50-40DP-1V(62)
CODE NO. CL665-0005-9-62
△ 3/3