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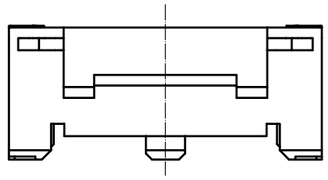
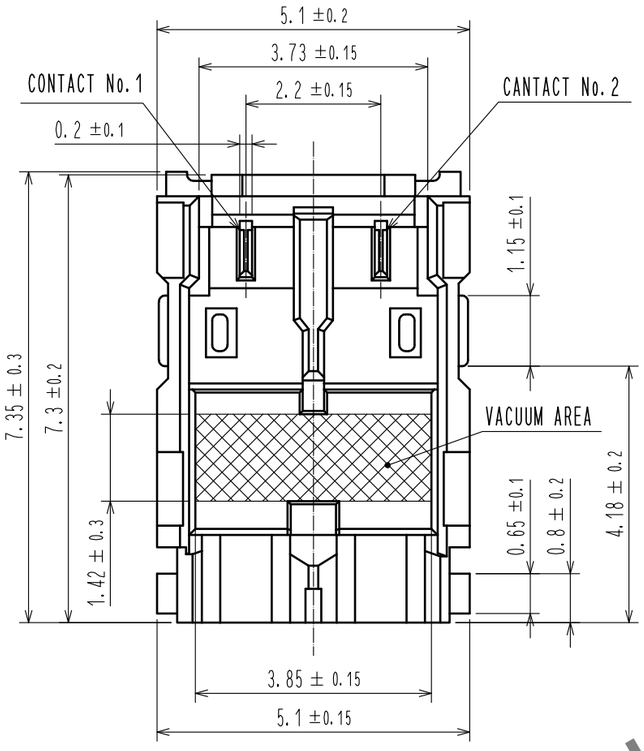
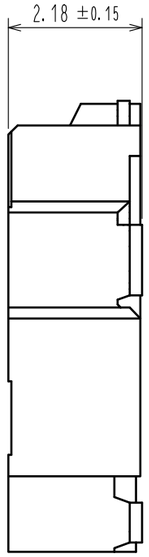
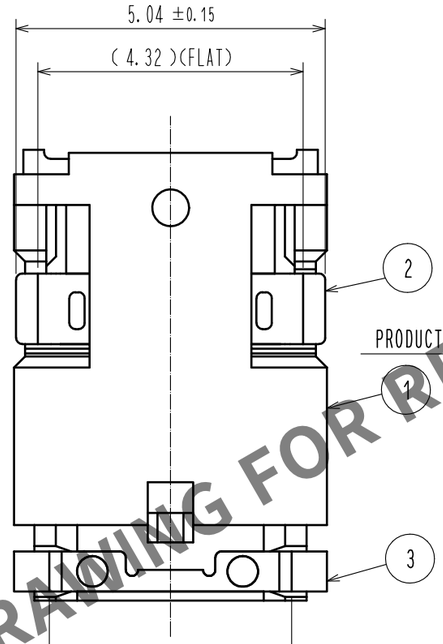
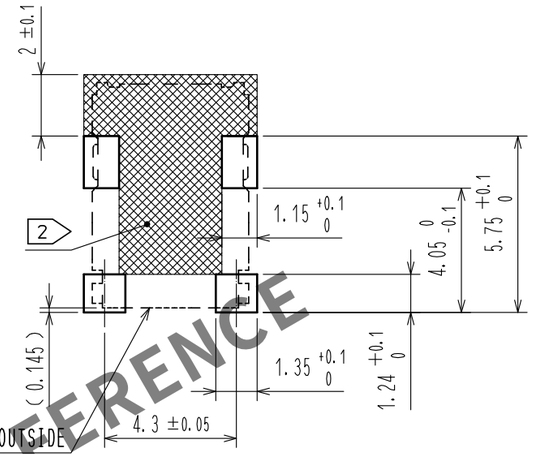




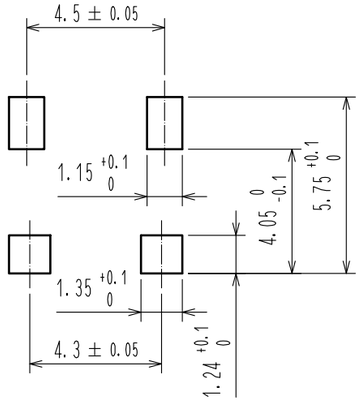




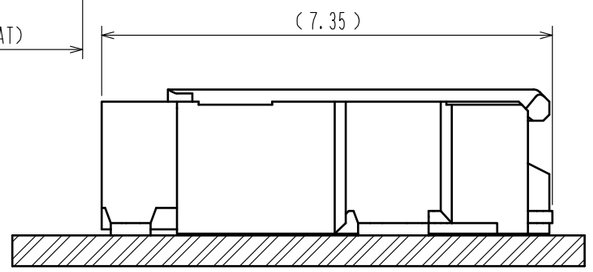
RECOMMENDED PCB LAYOUT
(MOUNTING SURFACE SIDE) (FREE)

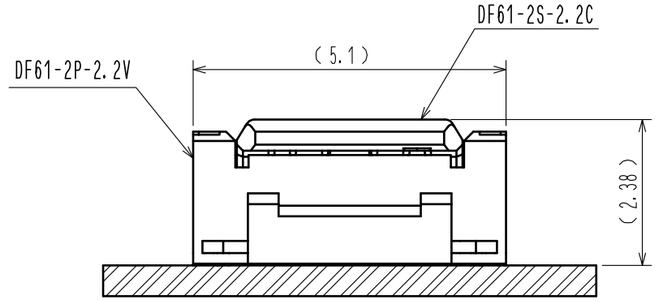


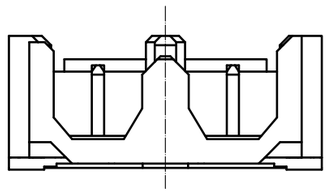
RECOMMENDED METAL MASK (FREE)
TICKNESS:0.1mm



MATING FIGURE (FREE)







HRS DRAWING FOR REFERENCE

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	BRASS	SURFACE:TIN PLATING 1μmMIN UNDER PLATING:NICKEL PLATING 0.5μmMIN			
2	BRASS	SURFACE:TIN PLATING 1μmMIN UNDER PLATING:NICKEL PLATING 0.5μmMIN	6	PS	REEL, BLACK
			5	POLYESTER	CLEAR(COVER TAPE)
1	LCP	UL94V-0, RED	4	PS	CLEAR(EMBOSSED CARRIER TAPE)

NOTE1. LEAD CO-PLANARITY SHALL BE 0.1mmMAX
2 ▨ :FOR THE USE UNDER 350 V CONDITION, PLEASE DESIGN THE LAYOUT TO KEEP ENOUGH CREEPAGE DISTANCE, AND ARRANGE NO CONDUCTIVE TRACE OR RESIST COVERAGE IF NESSESARY.
3. PLEASE CONSULT HIROSE WHEN THE PRODUCT IS MONUTED TO FPC.

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	10:1	1	3	DIS-H-00005396	SN.MIWA	SZ.ONO	20191015

HIROSE ELECTRIC CO., LTD.

APPROVED	KI.AKIYAMA	20111019	DRAWING NO. EDC3-336115-01
CHECED	OM.MIYAMOTO	20111018	PART NO. DF61-2P-2.2V(21)
DESIGNED	TT.OHSAKO	20111018	CODE NO. CL666-5001-1-21
DRAWN	TT.OHSAKO	20111018	1/3

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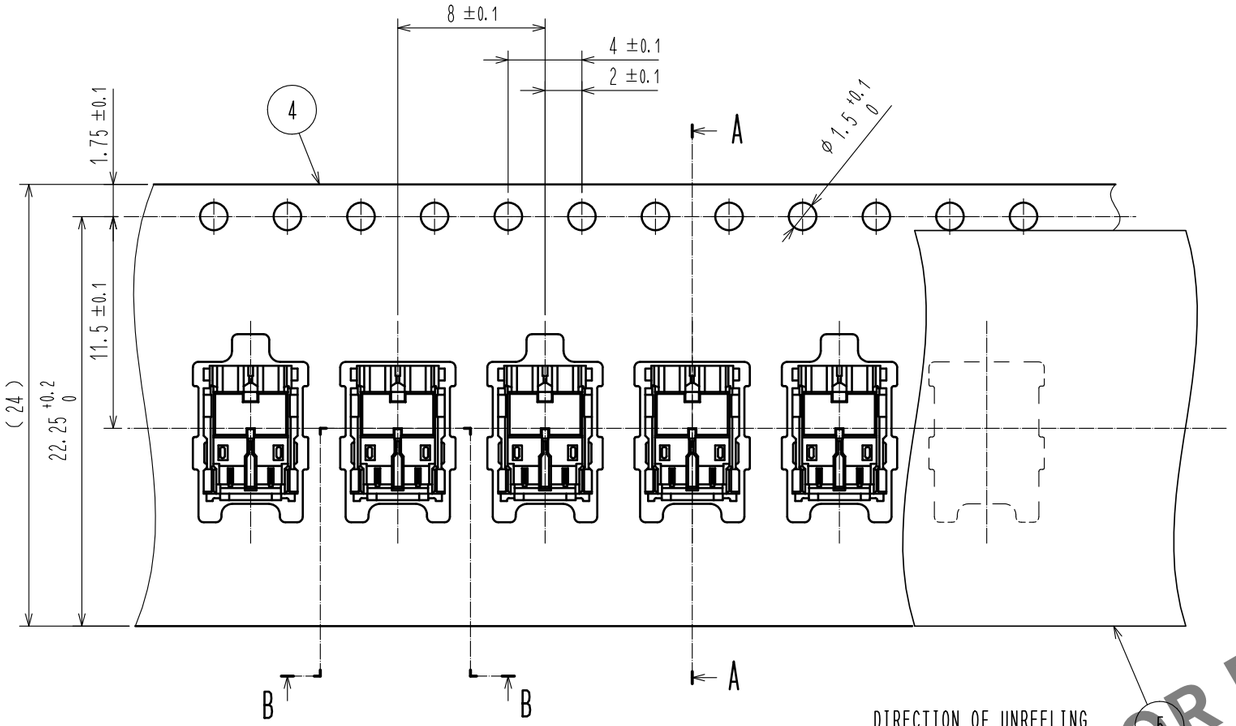
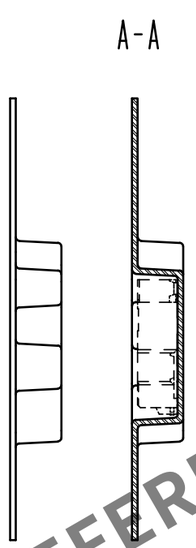
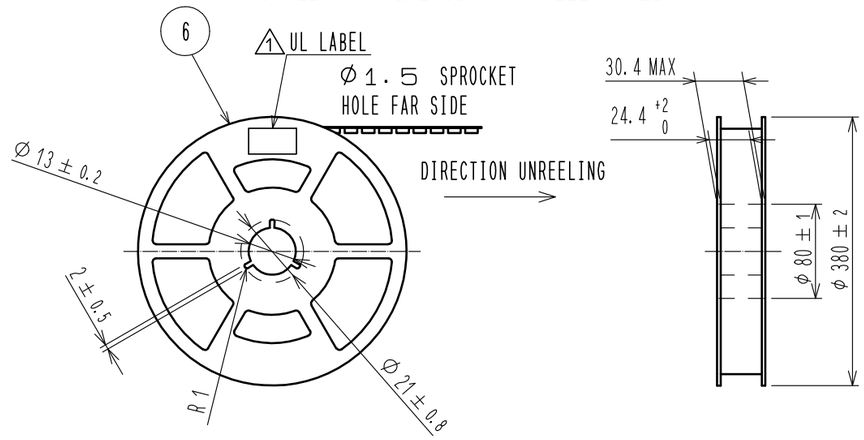




STYLE AND DIMENSION OF REEL (FREE)



1 DETAIL OF UL LABEL

HRS HIROSE ELECTRIC CO., LTD **

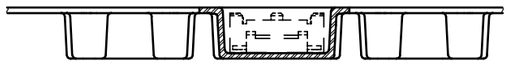
666-5001-1-21		
DF61-2P-2.2V(21)		
	Quantity(箱)	3000 個
	Lot No.(年月)	19.10.15
	Operating Voltage	AC 350 V
	Current Rating	5A

CAUTION:NOT FOR INTERRUPTING CURRENT.

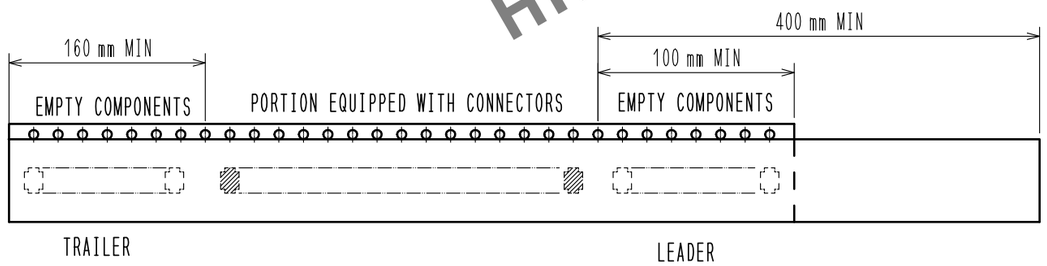
ATTENTION:NE PAS UTILISIER POUR COUPER LE COURANT

HRS DRAWING FOR REFERENCE

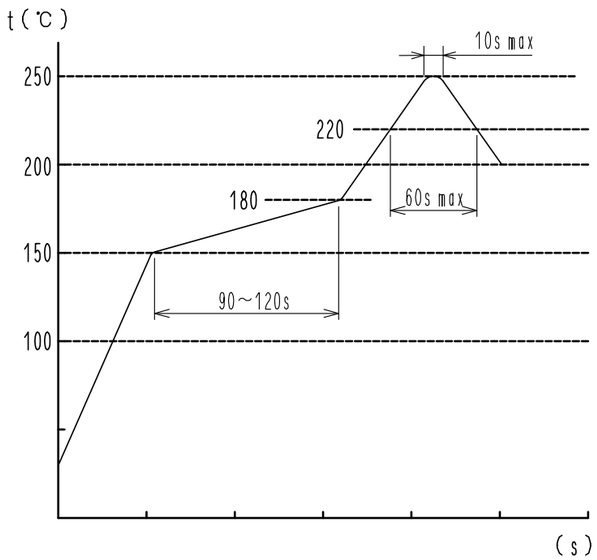
B-B



5 TAPING (FREE)



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



NUMBER OF REFLOW CYCLES 2 CYCLES MAX.
THE TEMPERATURE IS MEASURED IN THE TERMINAL LEAD PART.

ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION.

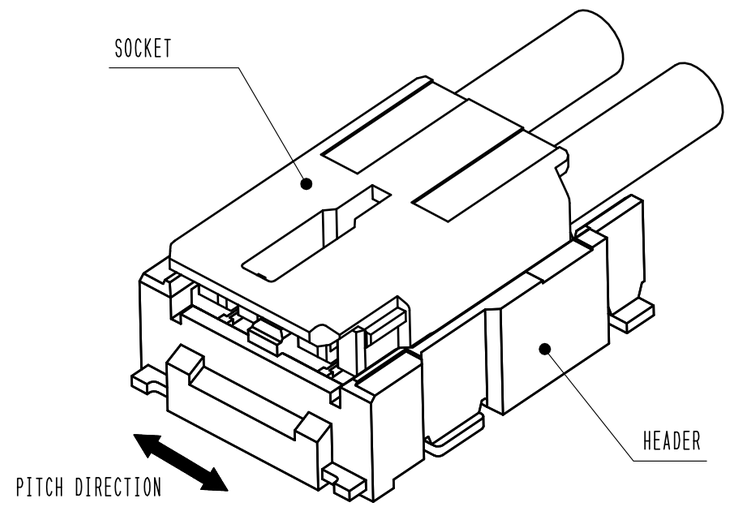
注4. 1 REEL : 3000 CONNECTORS
5 REFER TO IEC 60286. (PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)
6. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
1 7. UL(FILE No. E52653).
C-UL(FILE No. E52653) AUTHORIZATION ARTICLE.

HRS	DRAWING NO.	EDC3-336115-01
	PART NO.	DF61-2P-2.2V(21)
	CODE NO.	CL666-5001-1-21

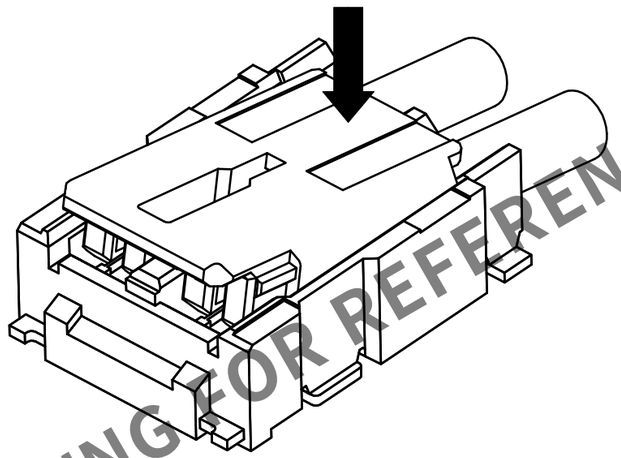
DF61 Series Mating / Unmating Operation Instruction

Mating

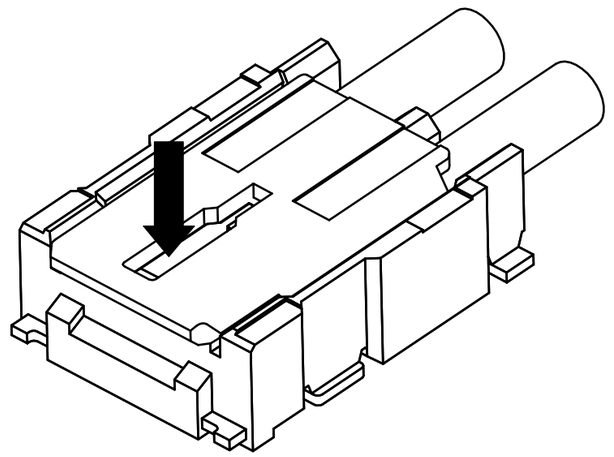
① By positioning the convexity of the socket sides to the header concavity, align the centers of the socket and the header in pitch direftion.



② Slightly press the socket down at cable side to tilted angle.

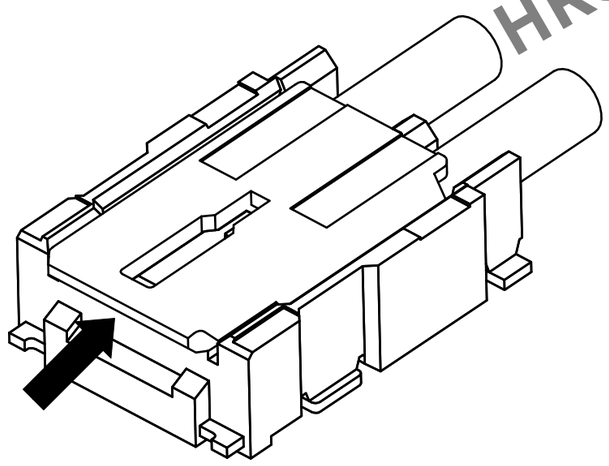


③ Press down at the lever side with stabilizing the cable side to insert. Mating completes.

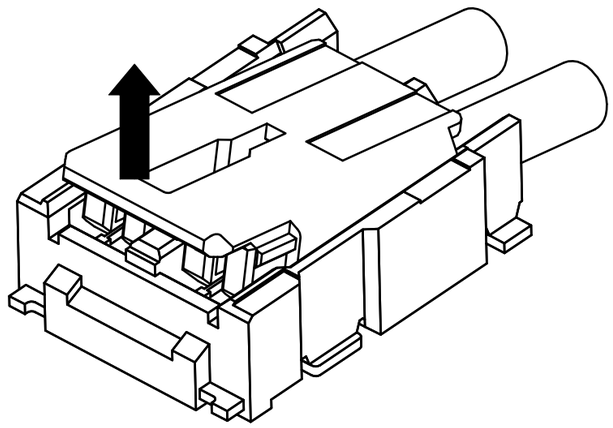


Unmating

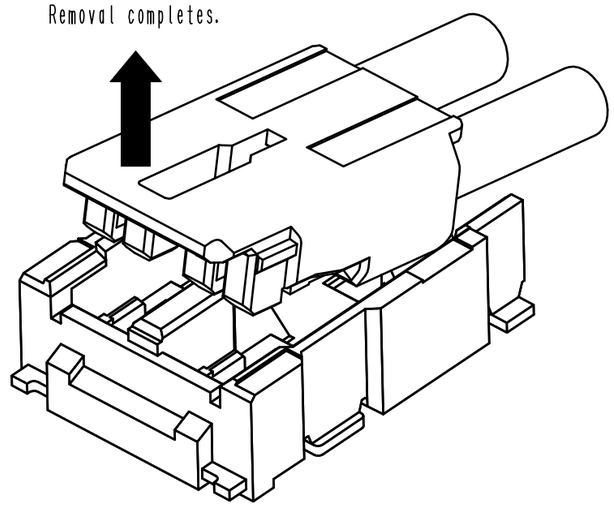
① Hook the lever with finger nail.



② Lift up to the upper difrection and friction lock is released.



③ Lift up to the upper direction and positive lock is released. Removal completes.



HRS DRAWING FOR REFERENCE

HRS	図番：	EDC3-336115-01
	製品名：	DF61-2P-2.2V(21)
	製品コード	CL666-5001-1-21

1 3/3

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