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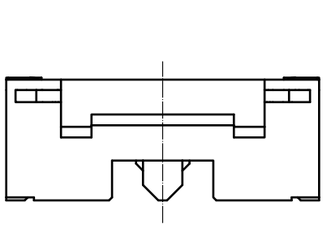
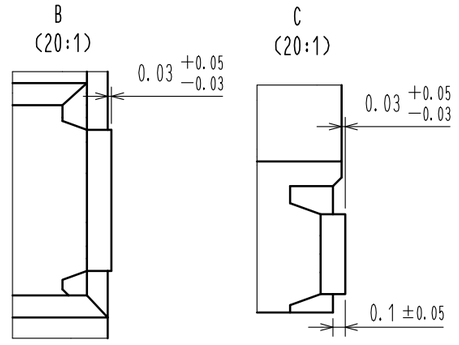
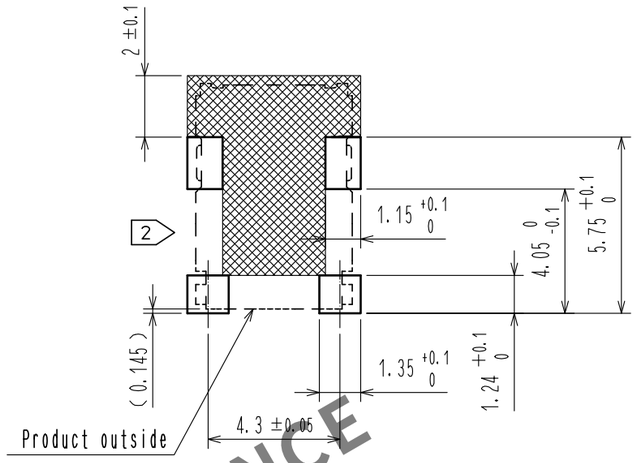
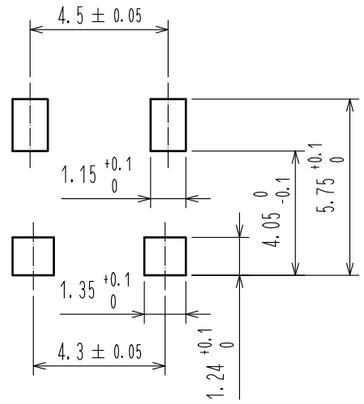


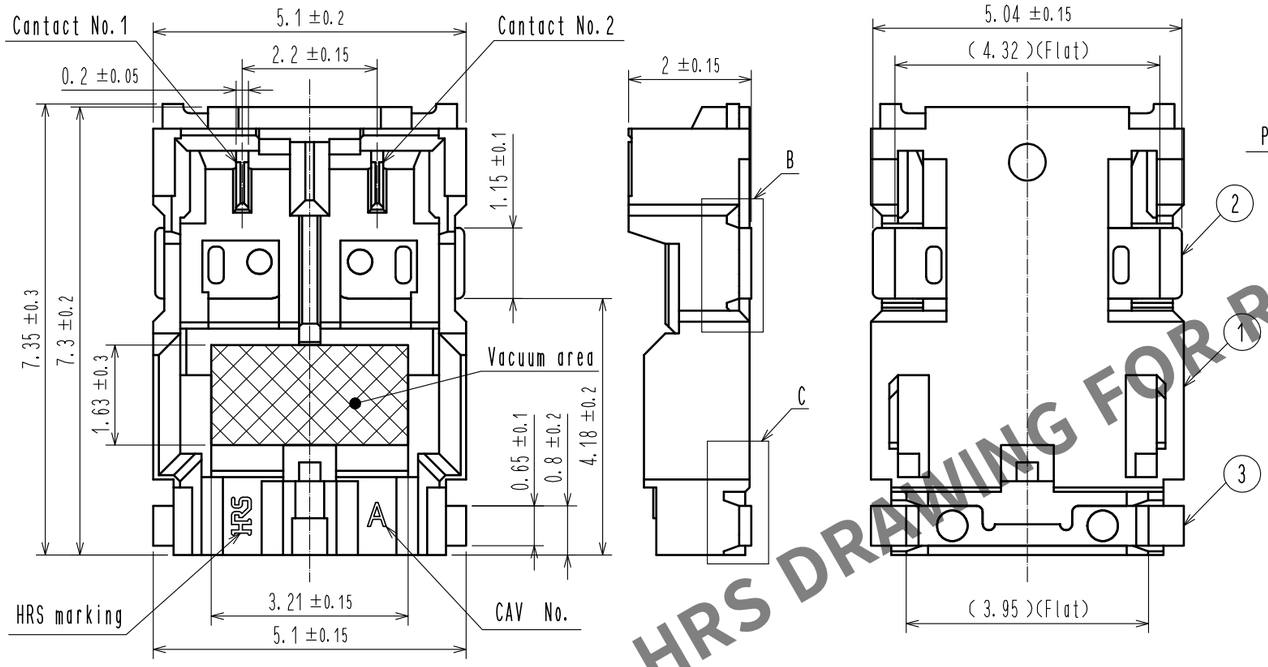


Recommended PCB layout
(Mounting surface side) (Free)



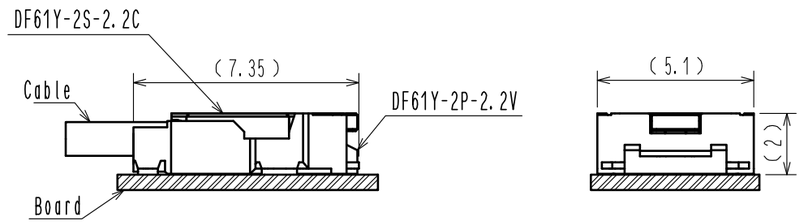
Recommended metal mask (Free)
Tickness:0.1mm

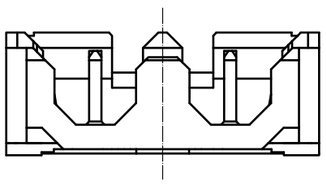




HRS DRAWING FOR REFERENCE

Mating figure (Free)





Note1. Lead Co-planarity shall be 0.1mm MAX.
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.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	Brass	Surface:Tin plating 1μm MIN Under plating:Nickel plating 0.5μm MIN			
2	Brass	Surface:Tin plating 1μm MIN Under plating:Nickel plating 0.5μm MIN	6	PS	Reel, Black
			5	Polyester	Clear (Cover tape)
1	LCP	UL94V-0, Natural (Beige)	4	PS	Smoke (Enbossed carier tape)

UNITS mm	SCALE 10 : 1	NO.	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
		0					

HIROSE ELECTRIC CO., LTD.

APPROVED	SJ. OKAMURA	20231121
CHECKED	SZ. ONO	20231121
DESIGNED	HK. HAYASHI	20231121
DRAWN	HK. HAYASHI	20231121

DRAWING NO.	EDC-361873-23-01
PART NO.	DF61Y-2P-2.2V(23)
CODE NO.	CL0666-5100-3-23

0 1/3

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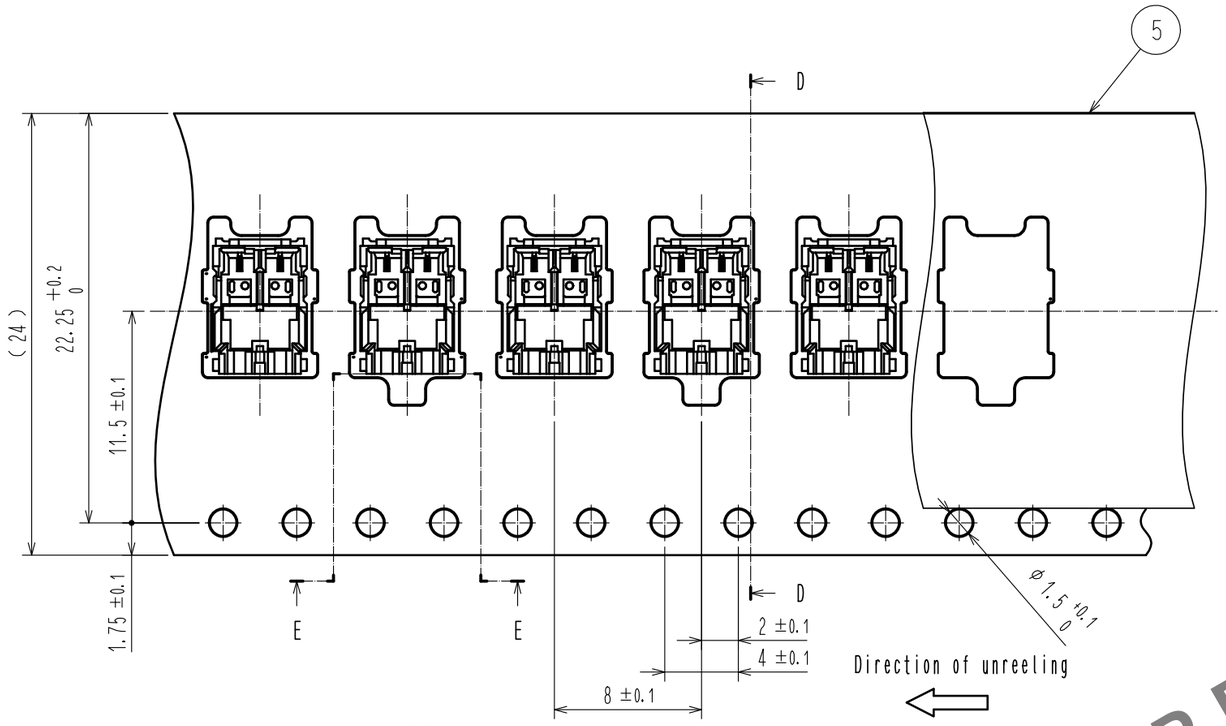
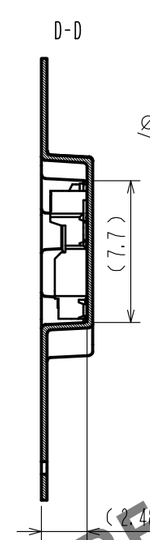
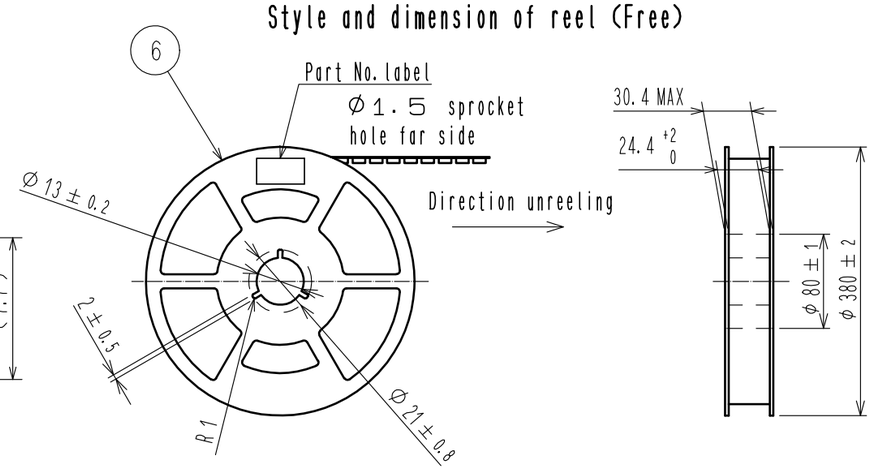




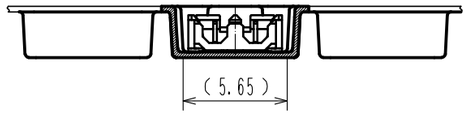
Style and dimension of reel (Free)



Detail of part No. label

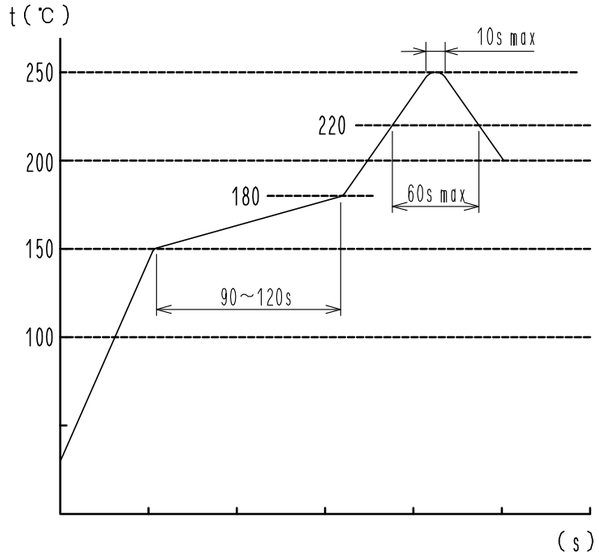
生産月日	年　月　日
図　番	CL666-5100-3-23
品　名	DF61Y-2P-2.2V(23)
納入数量	3000 KO
納入者	ヒロセ電機(株)

Supplier
Quantity
Part No.
Code No.
Date of manufactured



HRS DRAWING FOR REFERENCE

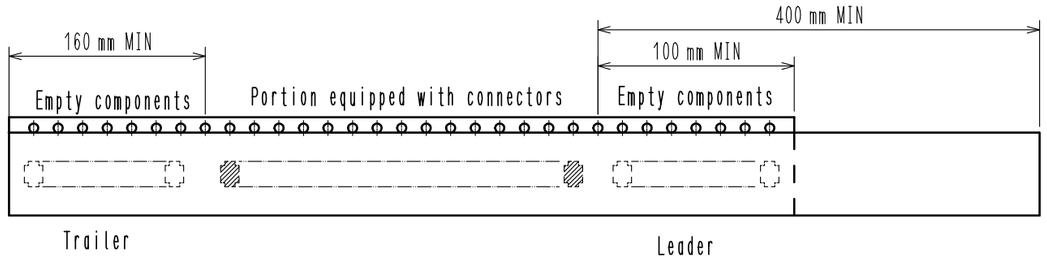
Reflow temperature profile using Lead-free solder paste (Reference)



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.
Temperature is measured at contact lead.

5 Taping (Free)



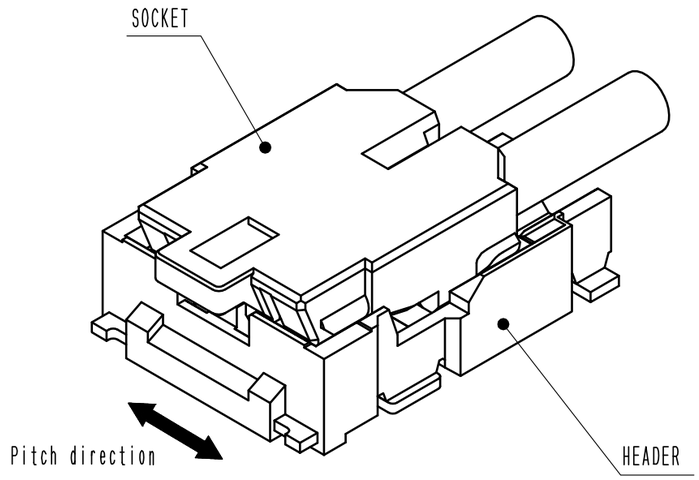
Note 4. 1 reel : 3000 connectors.
5 reel to JIS C 0806.(packaging of components for automatic handling)
6. The dimensions in parentheses are for reference.

DRAWING NO.	EDC-361873-23-01
PART NO.	DF61Y-2P-2.2V(23)
CODE NO.	CL0666-5100-3-23

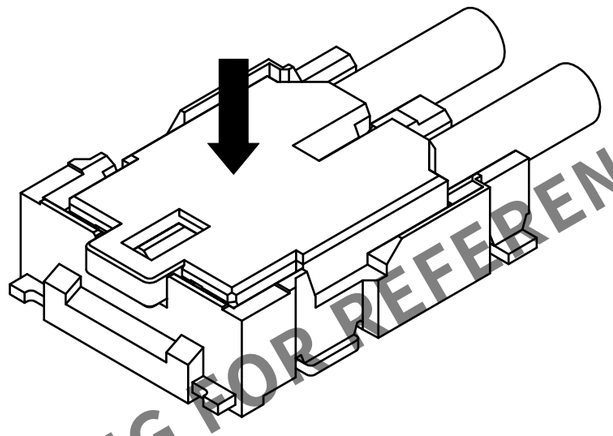
DF61Y Series Mating / Unmating Operation Instruction

Mating

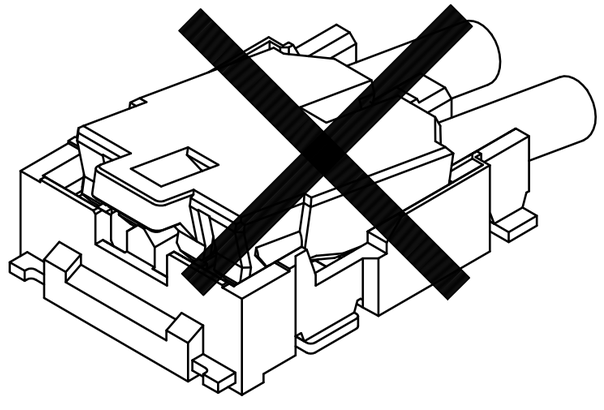
① By positioning the convexity of the socket sides to the header concavity, align the centers of the socket and the header in pitch direftion.



② Slightly press the socket down at the center of the socket.

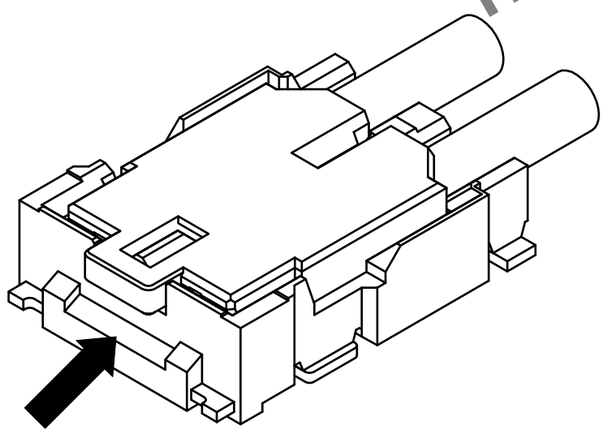


③ Press down at the lever side with stabilizing the cable side to insert. Mating completes.

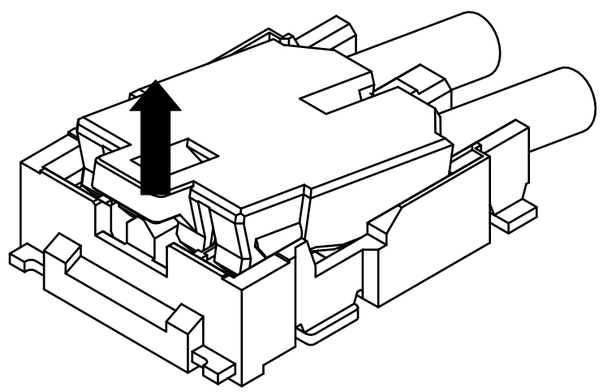


Unmating

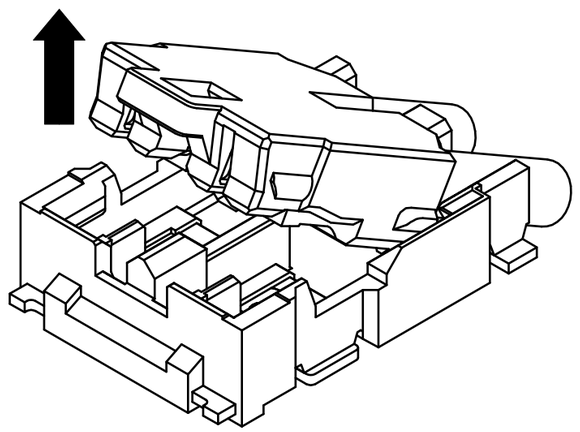
① Hook the lever with finger nail.



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



③ Lift it up to the upper direction more. and removal completes.



HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC-361873-23-01
	PART NO.	DF61Y-2P-2.2V(23)
	CODE NO.	CL0666-5100-3-23

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FORM HC0011-5-8

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