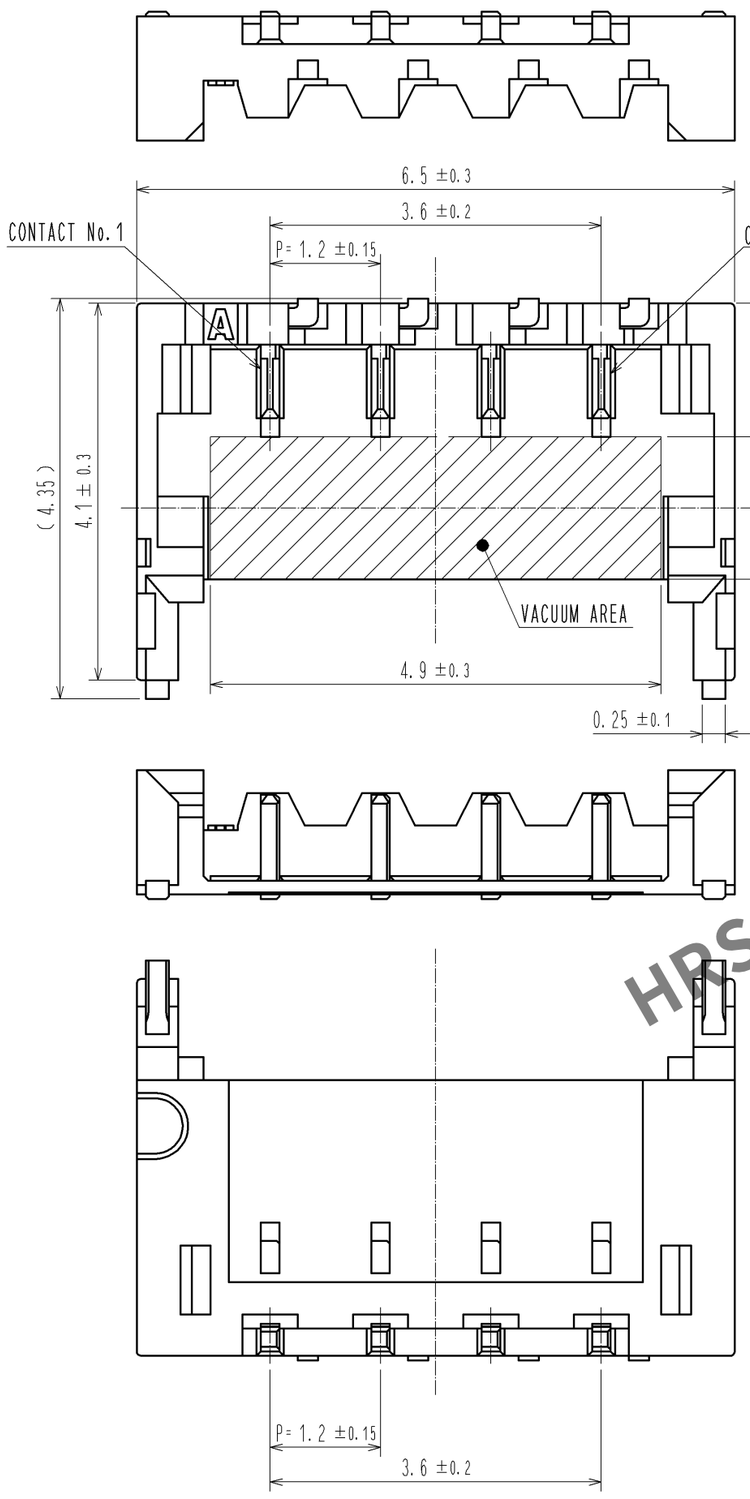
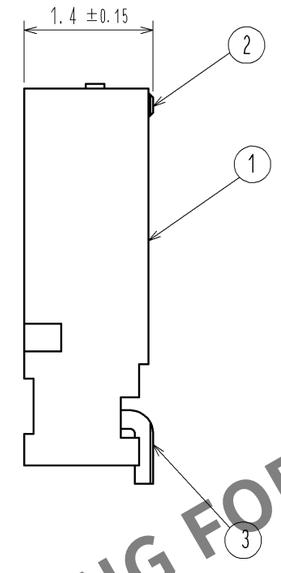
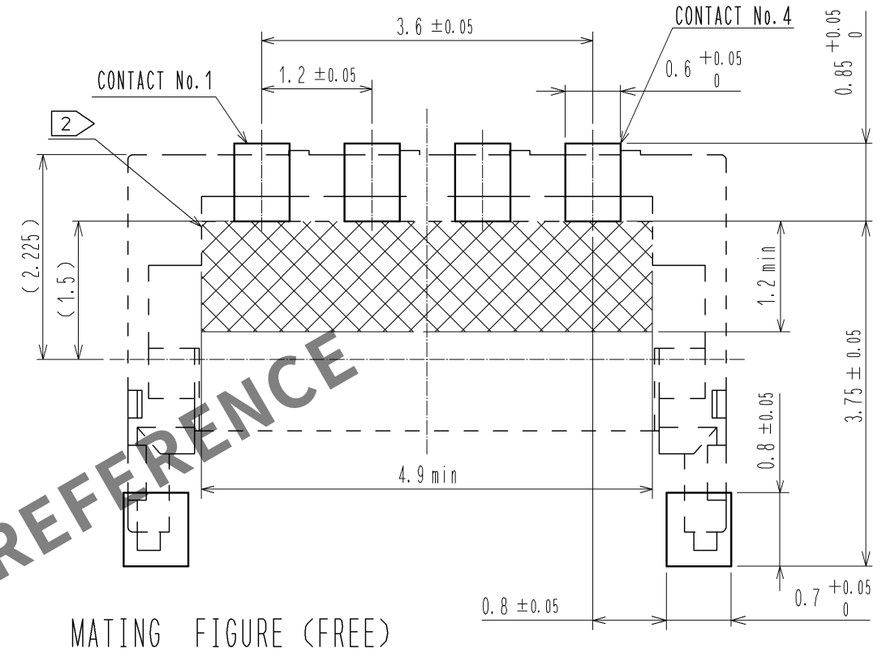
Feb.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

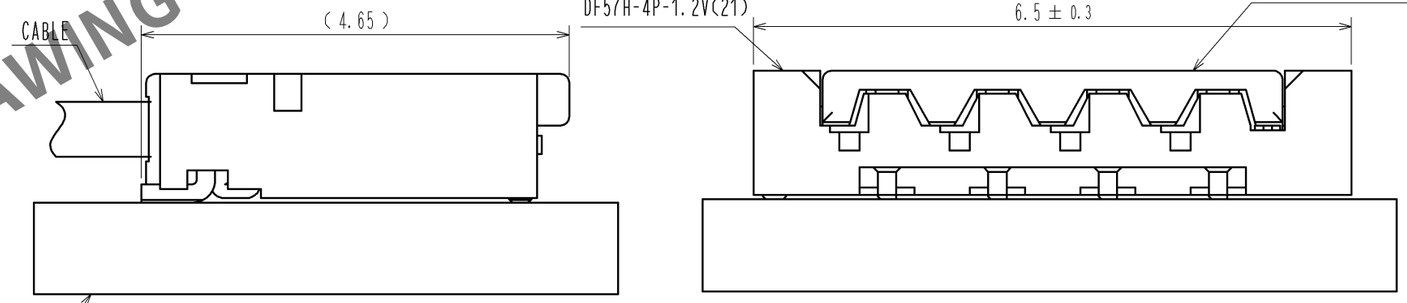




RECOMMENDED PCB LAYOUT (MOUTING SURFACE SIDE) (FREE)
RECOMMENDED METAL MASK (FREE)
THICKNESS : 0.1mm



MATING FIGURE (FREE)



NOTES 1. LEAD CO-PLANARITY SHALL BE 0.1mmMAX.
2 ▨ AREA INDICATED MUST BE FREE OF CONDUCTIVE TRACES OR THE CONDUCTIVE TRACES MUST BE COVERED BY RESIST FILM.

HRS DRAWING FOR REFERENCE

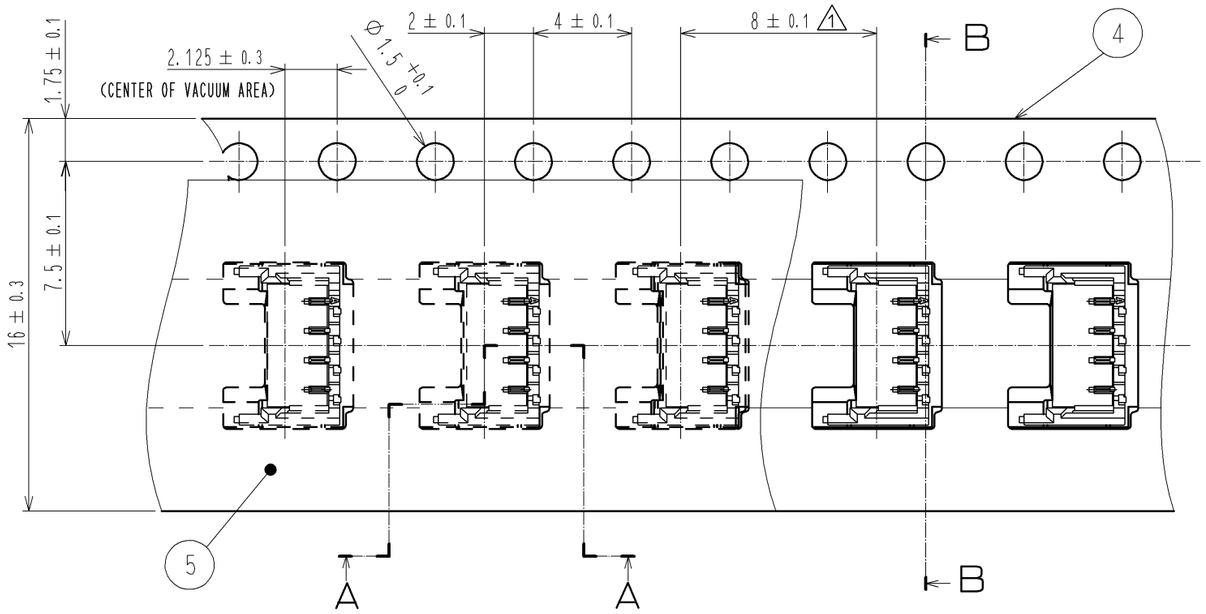
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	BRASS	SURFACE:TIN PLATING 1μmMIN UNDER PLATING:NICKEL PLATING 0.5μmMIN			
2	BRASS	SURFACE:TIN PLATING 1μmMIN UNDER PLATING:NICKEL PLATING 0.5μmMIN	6	PS	REEL , BLACK
			5	POLYESTER	CLEAR (COVER TAPE)
1	LCP	UL94V-0,BLACK	4	PS	CLEAR (EMBOSSED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

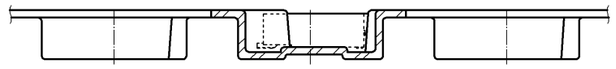
UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	FREE	⚠1	2	DIS-H-007104	TS. KUMAZAWA	HK. UMEHARA	12.08.06

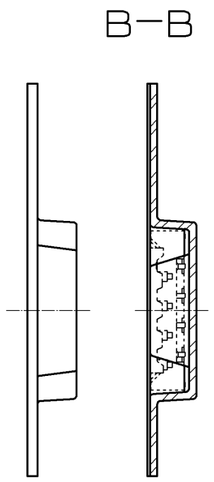
HIROSE ELECTRIC CO., LTD.

APPROVED	KI. AKIYAMA	12.03.19	DRAWING NO. EDC3-343906-01
CHECKED	HK. UMEHARA	12.03.19	PART NO. DF57H-4P-1.2V(21)
DESIGNED	TS. KUMAZAWA	12.03.19	
DRAWN	TS. KUMAZAWA	12.03.19	CODE NO. CL666-0106-2-21 ⚠1 1/3

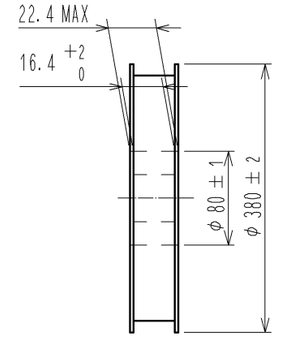
Feb.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

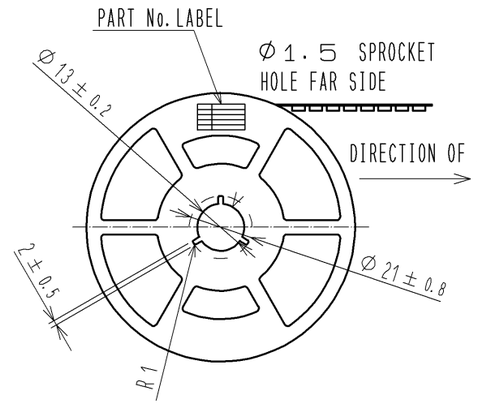






STYLE AND DIMENSION OF REEL (FREE)





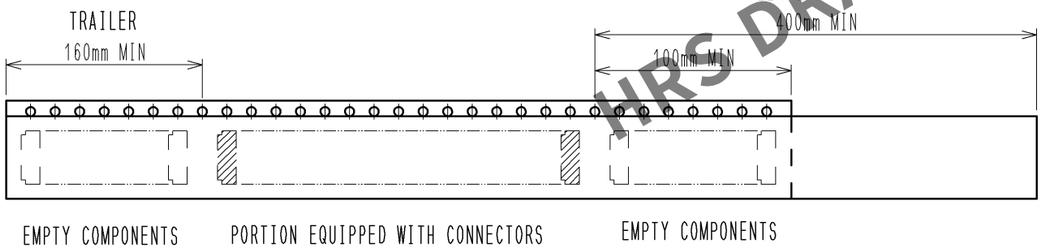
DETAIL OF PART No. LABEL

生産月日	年　月　日
図　番	CL666-0106-2-21
品　名	DF57H-4P-1.2V(21)
納入数量	5000 KO
納入者	ヒロセ電機(株)

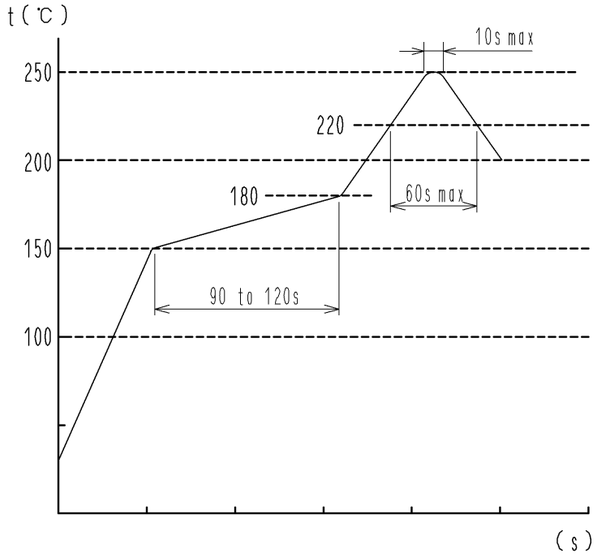
SUPPLIER
QUALITY
PART No.
CODE No.
DATE OF MANUFACTURED

DIRECTION OF UNREELING

4 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. TEMPERATURE IS MEASURED AT CONTACT LEAD.

NOTES 3. 1 REEL : 5000 CONNECTORS
4 REEL TO JIS C 0806. (PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)
5. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

HRS DRAWING FOR REFERENCE

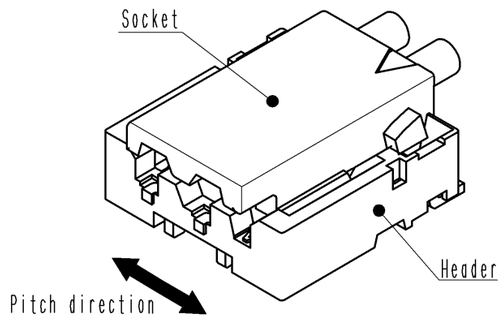
DRAWING NO.	EDC3-343906-01
PART NO.	DF57H-4P-1.2V(21)
CODE NO.	CL666-0106-2-21

Feb.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.

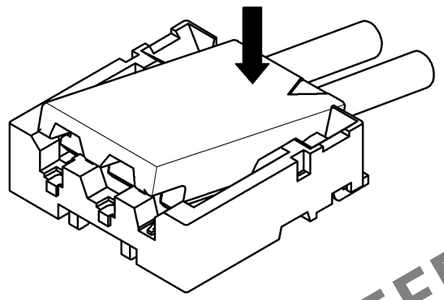
DF57 Series Mating / Unmating Operation Instruction

Mating

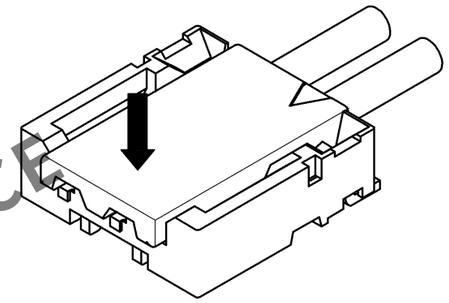
①By positioning the convexity of the socket sides to the header concavity, align the centers of the socket and the header in pitch direction.



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



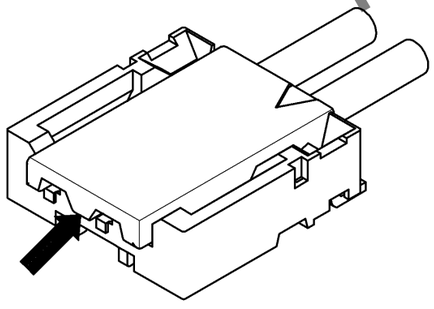
③Press down at the lever side with stabilizing the cable side to insert. Mating completes.



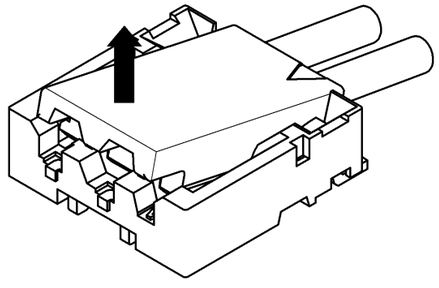
HRS DRAWING FOR REFERENCE

Unmating

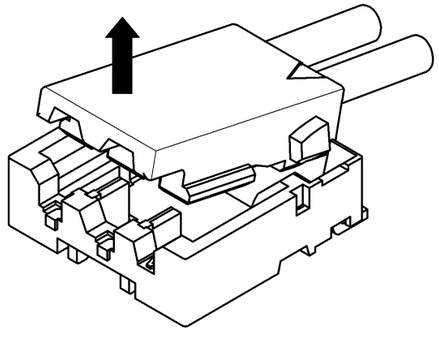
①Hook the lever with finger nail.



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



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



DRAWING NO.	EDC3-343906-01
PART NO.	DF57H-4P-1.2V(21)
CODE NO.	CL666-0106-2-21