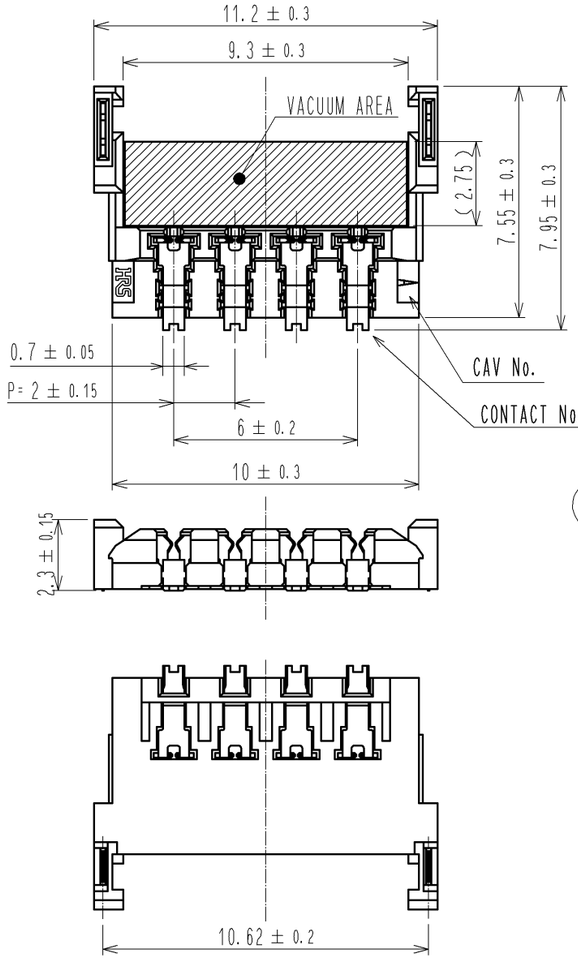
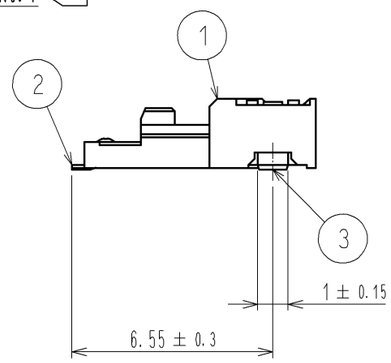
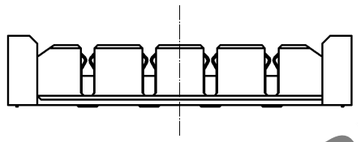
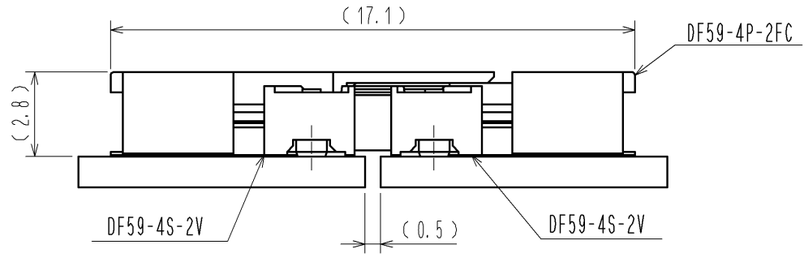
Feb.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



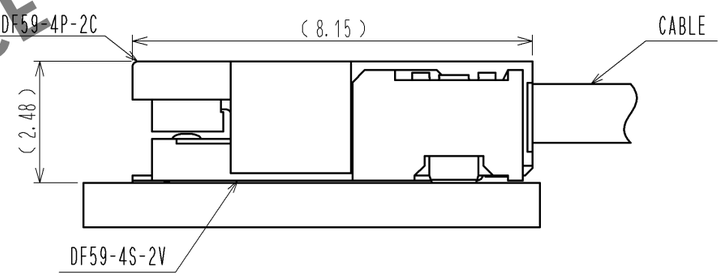




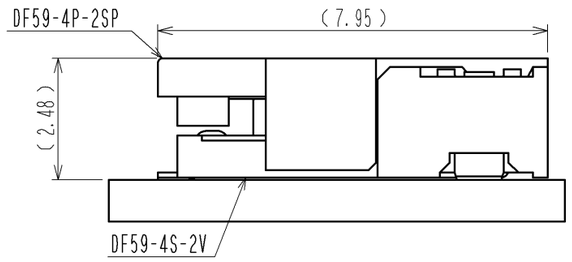
MATING FIGURE BtoB (FREE)



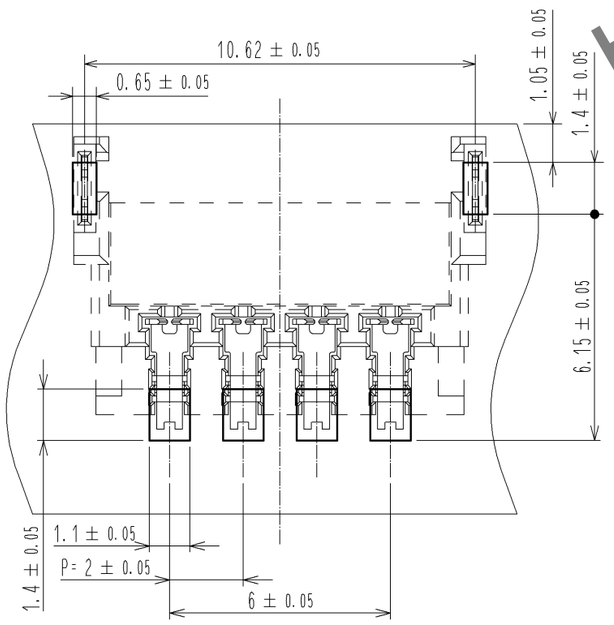
MATING FIGURE WtoB (FREE)



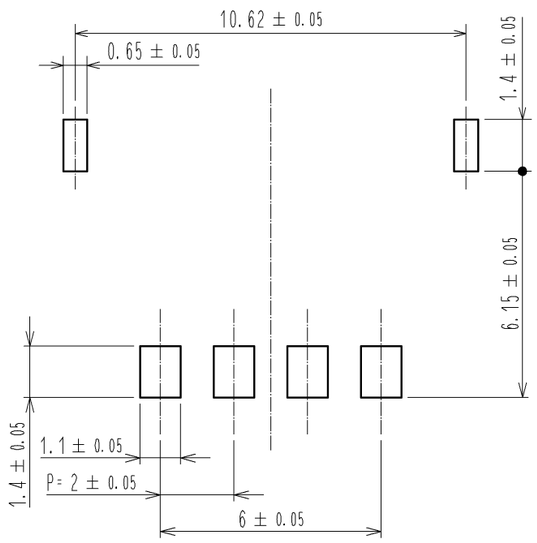
MATING FIGURE BtoSP (FREE)



RECOMMENDED PCB LAYOUT (FREE)



RECOMMENDED METAL MASK (FREE)
TICKNESS:0.1mm



HRS DRAWING FOR REFERENCE

NOTE1. LEAD CO-PLANARITY SHALL BE 0.1mm MAX.
2. ( ) IS REFERENCE DIMENSION.
3 MATING DF59-4P-2C, DF59-4P-2SP ARE APPLIED.
4. REFER TO THE DF59 SERIES MATING/UNMATING OPERATION INSTRUCTION MANUAL(ETAD-H0496) FOR THE OPERATING OF THE PRODUCT.
△1 5. UL(FILE NO. E52653),
C-UL(FILE NO. E52653) APPROVED PRODUCT.

NO.	MATERIAL	FINISH , REMARKS
2	PHOSPHOR BRONZE	CONTACT AREA : GOLD PLATIING 0.2μm MIN LEAD AREA : TIN PLATIING 1μm MIN UNDER PLATING : NICKEL PLATIING 0.5μm MIN
1	LCP	UL94V-0,BEIGE

NO.	MATERIAL	FINISH , REMARKS
6	PS	REEL , BLACK
5	POLYESTER	CLEAR(COVER TAPE)
4	PS	CLEAR(EMBOSSED CARIER TAPE)
3	PHOSPHOR BRONZE	SURFACE : TIN PLATIING 1μm MIN UNDER PLATING : NICKEL PLATIING 0.5μm MIN

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	△1	5	DIS-H-006828	MI. SAKIMURA	HK. UMEHARA	12.04.20

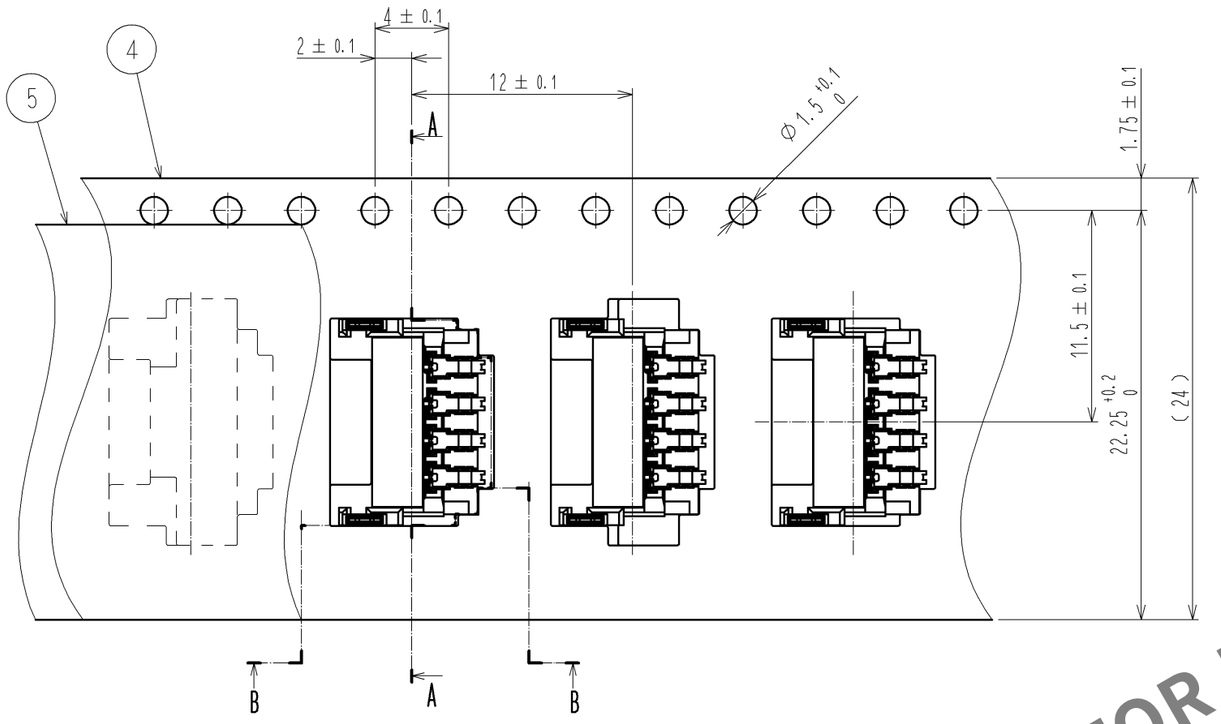
HIROSE ELECTRIC CO., LTD.

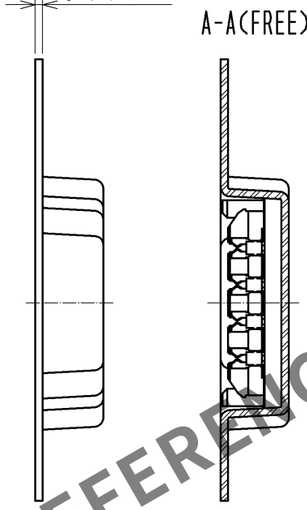
APPROVED	KI. AKIYAMA	11.03.25
CHECKED	OM. MIYAMOTO	11.03.25
DESIGNED	KT. ISHII	11.02.23
DRAWN	KT. ISHII	11.02.23

DRAWING NO.	EDC3-330590-01
PART NO.	DF59-4S-2V(51)
CODE NO.	CL667-0003-6-51

△1 1/2

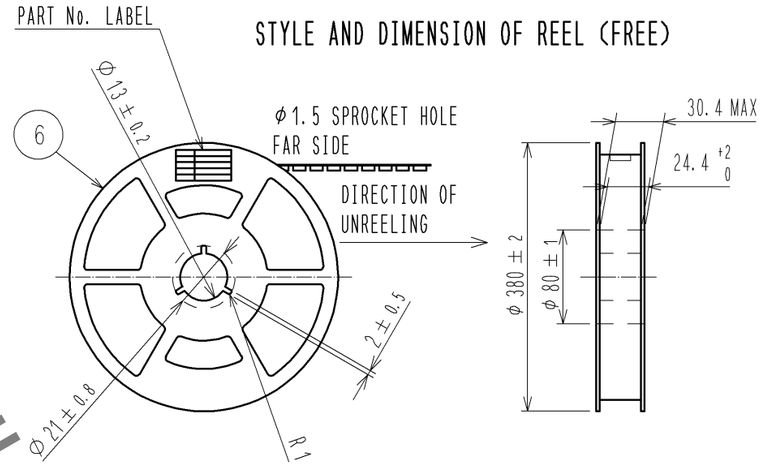
Feb.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.





A-A(FREE)

STYLE AND DIMENSION OF REEL (FREE)



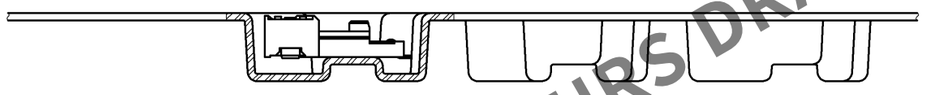
DETAIL OF PART No. LABEL

生産月日	年 月 日
図 番	CL667-0003-6-51
品 名	DF59-4S-2V(51)
納入数量	2000 KO
納入者	ヒロセ電機(株)

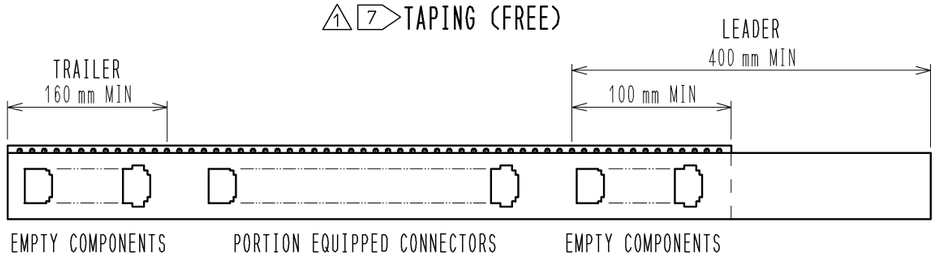
SUPPLIER
QUANTITY
PART No.
CODE No.
DATE OF MANUFACTURED

HRS DRAWING FOR REFERENCE

B-B(FREE)

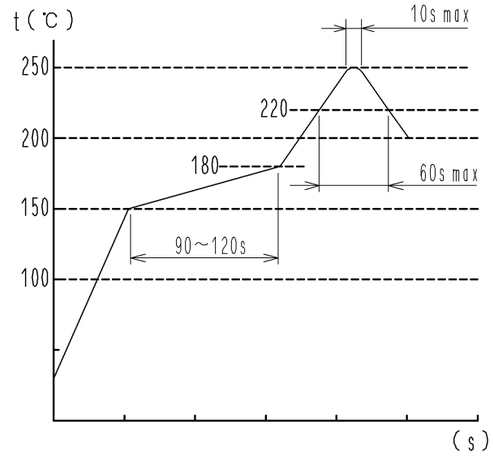


⚠1 ⑦ TAPING (FREE)



⚠1 NOTE. 6 1REEL : 2000 CONNECTORS
⚠1 ⑦ REEL TO JIS C 0806. (PACKAGING OF COMPONENTS FOR AUTOMATINC HANDLING)
⚠1 8 THE DIMENSIONS IN PARENTHESES ARE FOR REFRENCE.

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.

DRAWING NO.	EDC3-330590-01
PART NO.	DF59-4S-2V(51)
CODE NO.	CL667-0003-6-51 ⚠1 2/2