In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.
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HRS DRAWING FOR REFERENCE

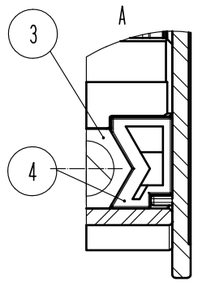
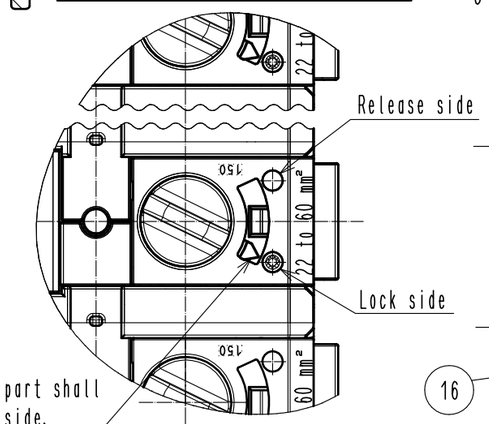
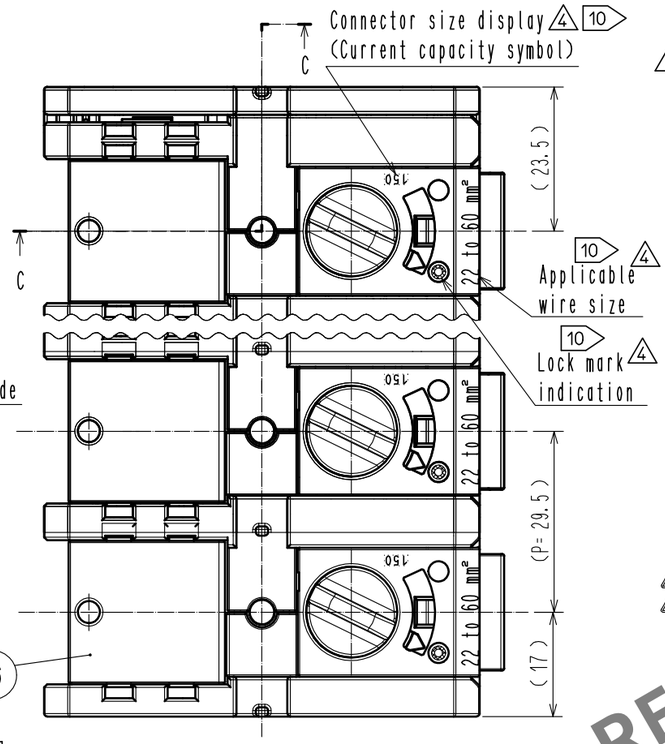


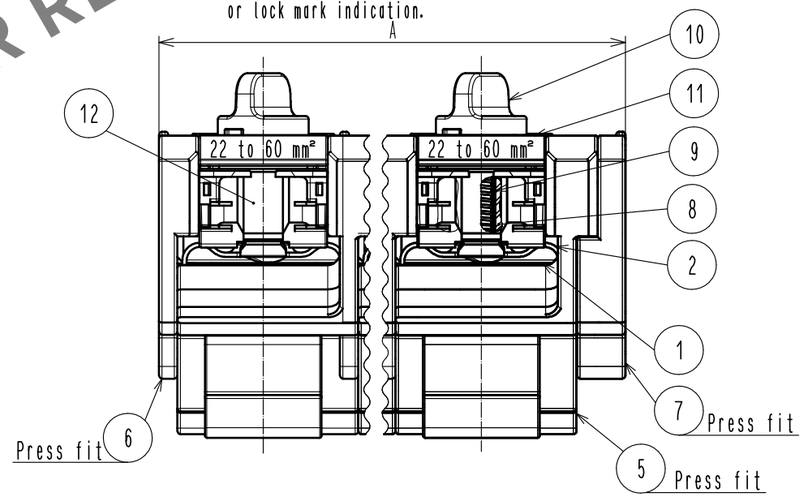
Figure.1 Locked State External View

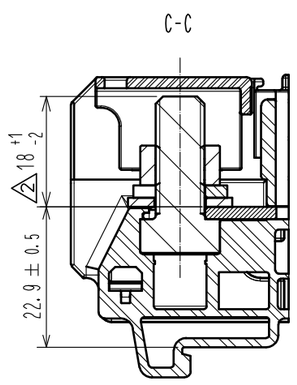


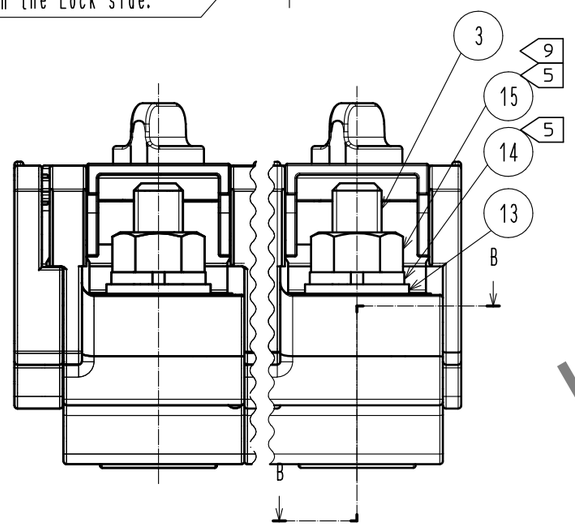


Notes
1. This product should be handled in accordance with the EF2 series guideline ETAD-C0387-00.
2. Applicable crimp contacts:
   TE Connectivity Ltd. 33471.
   TE Connectivity Ltd. 321600.
   TE Connectivity Ltd. 321868.
   NICHIFU CO., LTD R22-8, R22-10, R22-12 J.S.T.MFG.CO., LTD R22-8, R22-10, R22-12 or equivalent.
   NICHIFU CO., LTD R38-8, R38-10, R38-12 J.S.T.MFG.CO., LTD R38-8, R38-10, R38-12 or equivalent.
   NICHIFU CO., LTD R60-8, R60-10, R60-12 J.S.T.MFG.CO., LTD R60-8, R60-10, R60-12 or equivalent.
3. Applicable crimping tool: JIS-C-9711 MAXELL IZUMI CO., LTD 9H-60 or REC-Li150.
4. When inserting the contact, please do so until Ref. No. ⑧ rotates back to its original position (shown in Figure.1 Locked State External View).
   Furthermore, lightly pull the cable to confirm that the contact is locked and mated.
5. The positional relationship in the rotational direction and vertical direction for part numbers ⑭ and ⑮ is shown as an example.
6. Points to note before use:
   - Use only tin coated material.
   - Please check that dimesnsions satisfy those of Figure.2 and that there is no deformation, dirt etc., or abnormal contact resistance value.
   - Only the screw side of the bus bar can be used.
     When using the bus bar, the dimensions shown in Figure.3 and the dimensions corresponding to the allowable current are satisfied.
     Confirm that there is no deformation, dirt, etc., or abnormality in contact resistance before use.
   - Insertion and withdrawal forces, as well as contact resitance values could change due to the quality of the coating. Therefore, please evaluate beforehand.

⚠Warning 7. This product is not hot pluggable.
⚠Warning 8. Keep your fingers and other conductors from coming into contact with the electrically charged parts in order to avoid electrical shock or a short circuit.
9 The recommended clamp torque of ref. ⑮ to be 6N・m.
4 10 After November 1, 2023, we will gradually switch to products with connector size indication, compatible wire size indication, and lock mark indication.
Some products do not have connector size indication, compatible wire size indication, or lock mark indication.







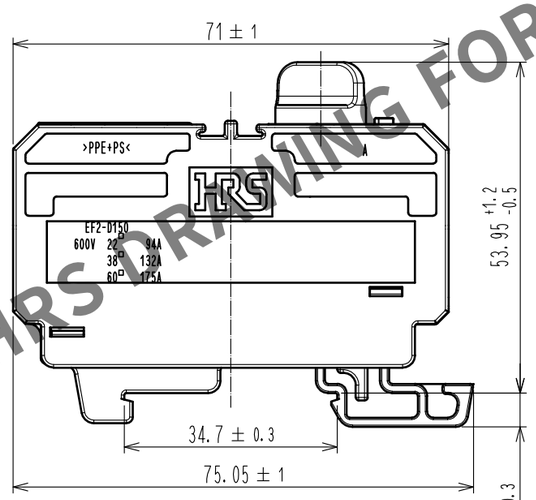


Figure.2
Applicable Contact (Commercial item)(Free)

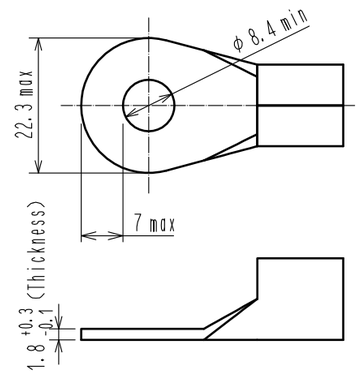


Figure.3
Recommended bus bar dimensions.

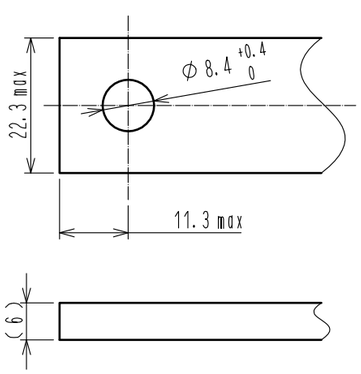


Table.1 Number of contacts and width

HRS No.	Part No.	Number of Contacts	A
142-0219-0-00	EF2A-DH150B-1	1	40.5 +1.5 -0.5
142-0220-0-00	EF2A-DH150B-2	2	70 +2 -1
142-0221-0-00	EF2A-DH150B-3	3	99.5 +2.5 -1.5
142-0222-0-00	EF2A-DH150B-4	4	129 +3 -1.5
142-0223-0-00	EF2A-DH150B-5	5	158.5 +3 -1.5

NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
8	PBT	(Black) UL94V-0	16	PC	(Clear) UL94V-0
7	m-PPE	(Black) UL94V-0	15	Iron	Trivalent Chromate JIS B 1181 HEX NUT M8×1.25.C13>HEX
6	m-PPE	(Black) UL94V-0	14	Iron	Trivalent Chromate JIS B 1251 SPRING WASHER M8
5	m-PPE	(Black) UL94V-0	13	Iron	Trivalent Chromate JIS B 1256 PLAIN WASHER M8
4	PBT	(Black) UL94V-0	12	m-PPE	(Black) UL94V-0
3	Iron	Trivalent Chromate JIS B 1180 HEX BOLT M8×1.25	11	m-PPE	(Black) UL94V-0
2	Stainless steel		10	PBT	(Red) UL94V-0
1	Copper	Tin plating 1μm min	9	Stainless steel	

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	1 : 1	4	4	DIS-C-00016615	HR. SATO	KI. NAGANUMA	20231218

HIROSE ELECTRIC CO., LTD.

APPROVED	TP. KOMATSU	20200304	DRAWING NO. EDC-385255-00-00
CHECKED	TP. KOMATSU	20200227	PART NO. EF2A-DH150B-*
DESIGNED	EK. KIDO	20200226	CODE NO. ClCode
DRAWN	EK. KIDO	20200226	4 1/1