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

HRS DRAWING FOR REFERENCE

4 Fig. 2 (1:1)

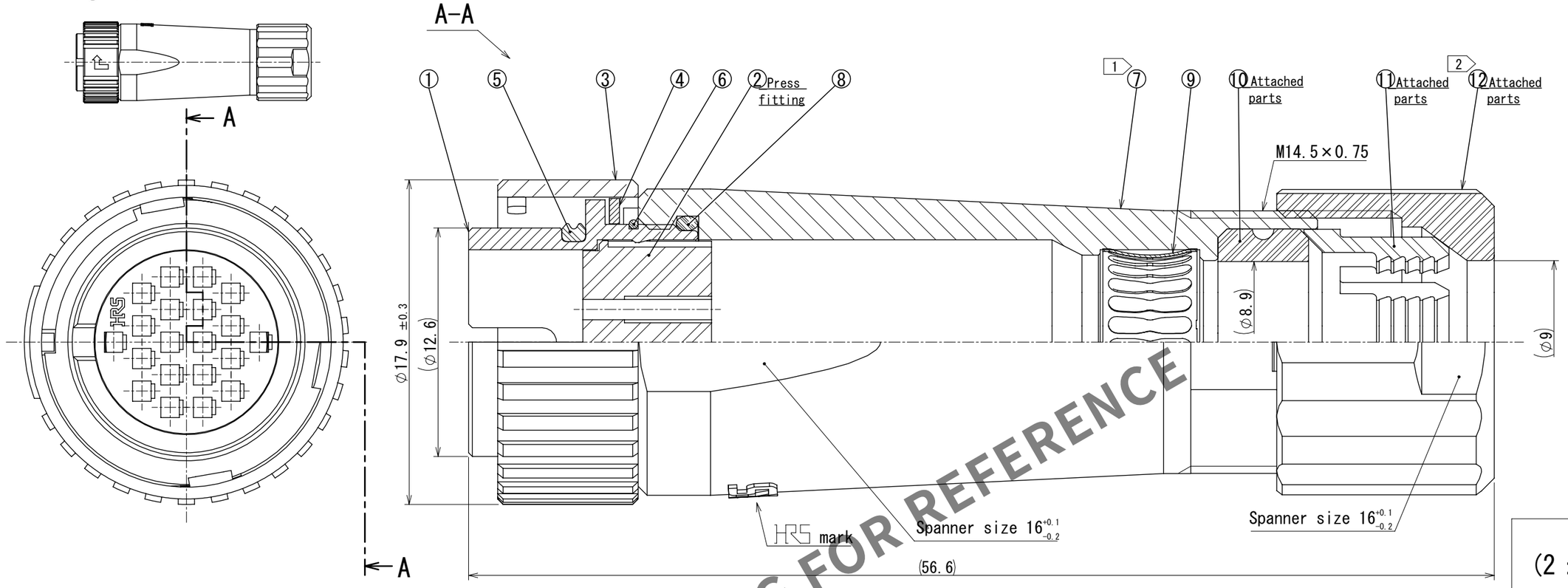
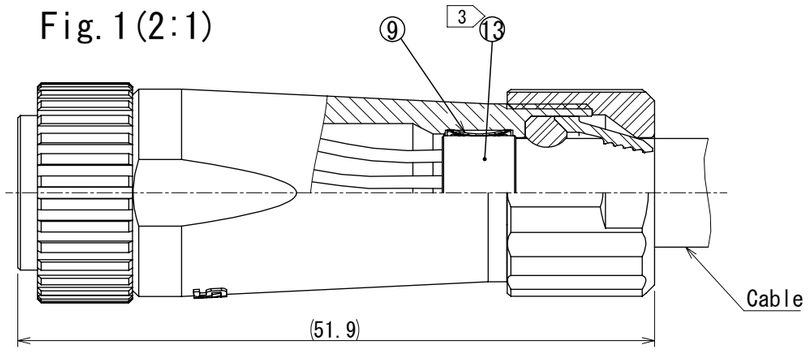
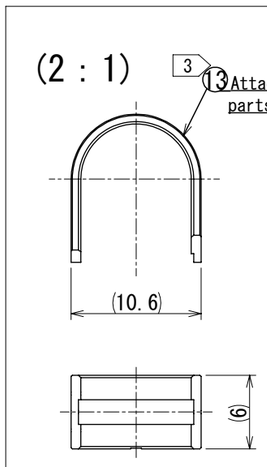


Fig. 1 (2:1)



(2 : 1)



Notes
1. The recommended clamp torque of Ref. No. ⑦ is 1.5 to 2 N・m.
   Please be sure to apply thread locker to the threaded portion of Ref. No. ①.
   Recommended thread locker : LOCTITE 263, HENKEL JAPAN LTD.
2. The recommended clamp torque of Ref. No. ⑫ is 1 to 1.5 N・m.
   Please be sure to apply thread locker to the threaded portion M14.5×0.75 of Ref. No. ⑦.
   Recommended thread locker : LOCTITE 263, LOCK PRIMER 7649,HENKEL JAPAN LTD.
3. Fasten Ref.No.⑬ to the cable crimpin tool.
   And make Ref.No.⑬ contact with Ref.No.⑨(refer to Fig.1).
   Refer it the technical specification ETAD-C0414 for details.
   Applicable cable crimping tool:LF-TC-01(CL150-0234-6)
4. Fig.2 shows the appearance after assembly.
5. Applicable cableassembly fixture : LF13BP-T01 (CL150-0237-4)
   Cable assembly fixture is used as a receptacle stand of extract and the part number ①
   of an assembly.
6. Rotation examples of Ref. ③, ⑦ and ⑫ to ① are shown.
7. The cable retention strength, twisting strength, waterproof tightness, and other characteristics, may differ depending on the cable structure. Please confirm before use.
8. Applicable crimp contact:HR10-PC-211(CL110-0516-9)
   Applicable cable size:26 to 30 AWG,Insulation outer diameter φ 1 MAX.
   Applicable extractor:RP6-SC-TP (CL150-0039-0)

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
7	Zinc alloy	Nickel plating			
6	Stainless steel		13	Brass	Nickel plating
5	Chloroprene rubber	(Black)	12	Polyphenylene sulfide	(Natural, Brawn) UL94V-0
4	Stainless steel		11	Polyamide	(Natural, Milky white) UL94V-0
3	Zinc alloy	Nickel plating	10	Chloroprene rubber	(Black)
2	Polyphenylene sulfide	(Black) UL94V-0	9	Phosphor bronze	Nickel plating
1	Zinc alloy	Nickel plating	8	Chloroprene rubber	(Black)

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	4:1	0				2023.09.14

HIROSE ELECTRIC CO., LTD.

APPROVED	TP. KOMATSU	2024.01.11
CHECKED	KI. NAGANUMA	2024.01.11
DESIGNED	YJ. KOGA	2024.01.11
DRAWN	KR. SUZUKI	2024.01.11

DRAWING NO.	EDC-380041-00-00
PART NO.	LF13WBP-20PC
CODE NO.	CL0136-0040-0-00

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