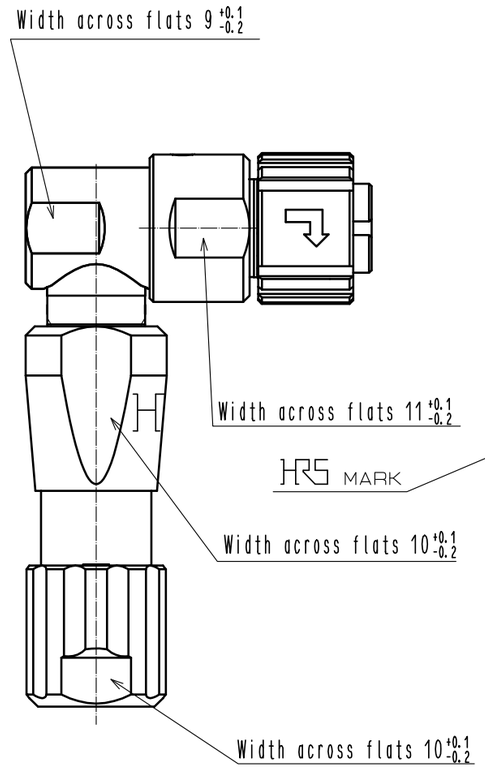
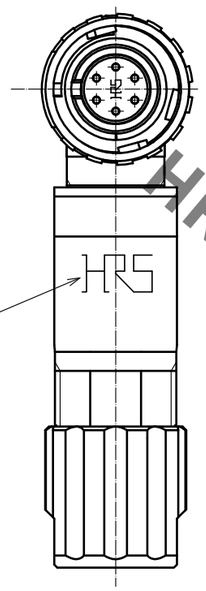
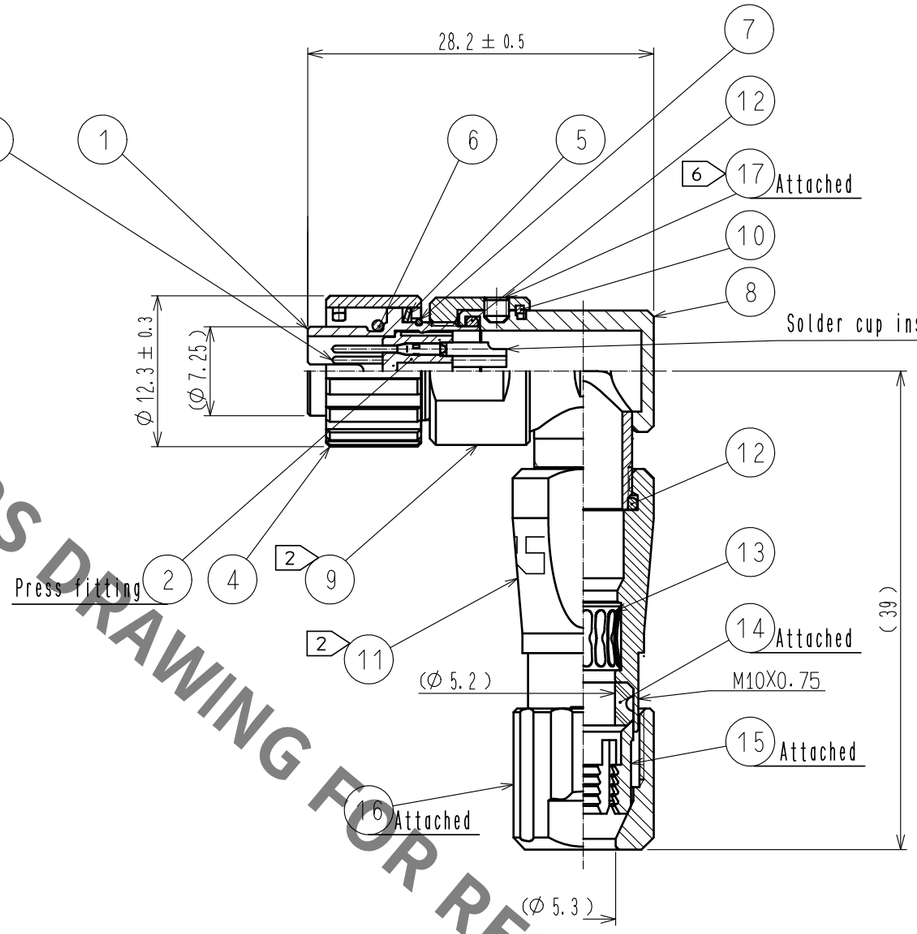
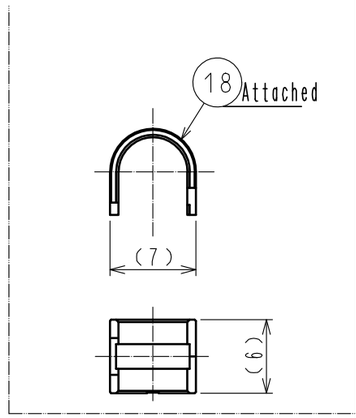
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

HRS DRAWING FOR REFERENCE

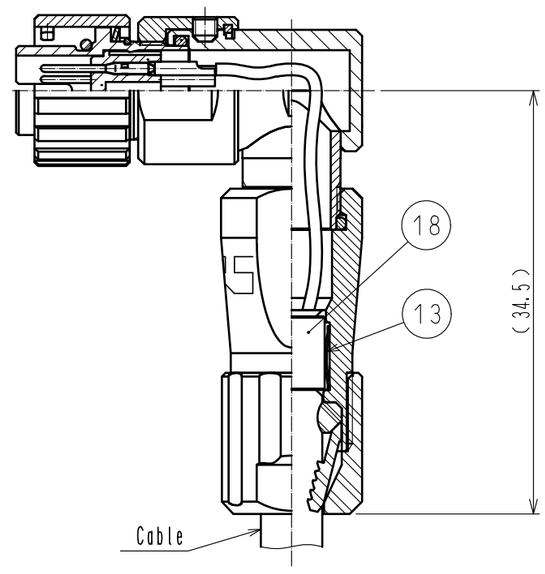








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Notes 1 Plating (ref. No. ③)
Contact area : Gold 0.2μm min
Others : Gold and nickel
Under plating : Nickel 2μm min

2 The recommended clamp torque of ref. No. ⑨, ⑪ to be 1 to 1.5 N・m.
Please be sure to use thread locker to the threaded portion of ref. No. ①, ⑧ to satisfy connector breaking strength.
Recommended thread locker : LOCTITE 263, HENKEL JAPAN LTD.

3 The recommended clamp torque of ref. No. ⑯ to be 0.8 to 1 N・m.
Please be sure to use thread locker and lock primer to the threaded portion M10 ×0.75 of ref. No. ⑪
to prevent ref. No. ⑪ from loosing.
Recommended thread locker and lock primer : LOCTITE 263, LOCK PRIMER 7649, HENKEL JAPAN LTD.

4 Fasten ref. No. ⑱ to the cable with the cable crimping tool.
And make ref. No. ⑱ contact with ref. No. ⑬ (Refer to Fig. 1).
Refer to the thchnical specification ETAD-C0404 for details.

5 Applicable cable crimping tool : HR10A-TC-02 (CL-150-0041-2)(The hole diameter for crimping: φ5.3)
Applicable cable assembly fixture : LF07BP-T01 (CL150-0232-0)

6 The recommended clamp torque of ref. No. ⑰ to be 0.12 to 0.15 N・m, and opposite side distance is 0.889mm.
Please be sure to use thread locker and lock primer to the threaded portion of ref. No. ⑰
to prevent ref. No. ⑰ from loosing.
Recommended thread locker and lock primer : LOCTITE 263, LOCK PRIMER 7649, HENKEL JAPAN LTD.

7 Rotation examples of ref. No. ④, ⑧ and ⑨ to ① are shown.
and rotation examples of ref. No. ⑪, ⑯ to ⑧ are shown.

8 The cable pull and twisting strength, waterproof tightness and other characteristics may differ,
depending on the cable structure, please confirm before the use.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
9	BRASS	NICKEL PLATING	18	BRASS	NICKEL PLATING
8	BRASS	NICKEL PLATING	17	STAINLESS STEEL	HEX SOCKET SET SCREW DIMPLE M2×0.4×2
7	STAINLESS STEEL		16	PPS	(NATURAL, BROWN) UL94V-0
6	CHLOROPRENE RUBBER	(BLACK)	15	POLYAMIDE	(NATURAL, MINKY WHITE) UL94V-0
5	STAINLESS STEEL		14	CHLOROPRENE RUBBER	(BLACK)
4	ZINC ALLOY	NICKEL PLATING	13	PHOSPHOR BRONZE	NICKEL PLATING
3	COPPER ALLOY	1	12	CHLOROPRENE RUBBER	(BLACK)
2	PPS	(BLACK) UL94V-0	11	ZINC ALLOY	NICKEL PLATING
1	BRASS	NICKEL PLATING	10	PHOSPHOR BRONZE	NICKEL PLATING

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	0				

HIROSE ELECTRIC CO., LTD.

APPROVED	HY. KOBAYASHI	18. 02. 22
CHECKED	HY. KOBAYASHI	18. 02. 22
DESIGNED	TY. SUZUKI	18. 02. 21
DRAWN	HM. SAITO	18. 02. 19

DRAWING NO.	EDC-118044-31-00
PART NO.	LF07WBLP-6PA(31)
CODE NO.	CL136-0022-1-31

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