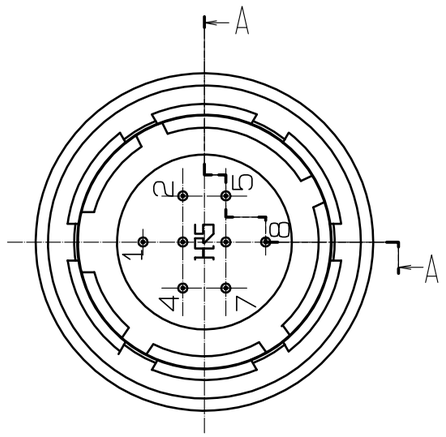
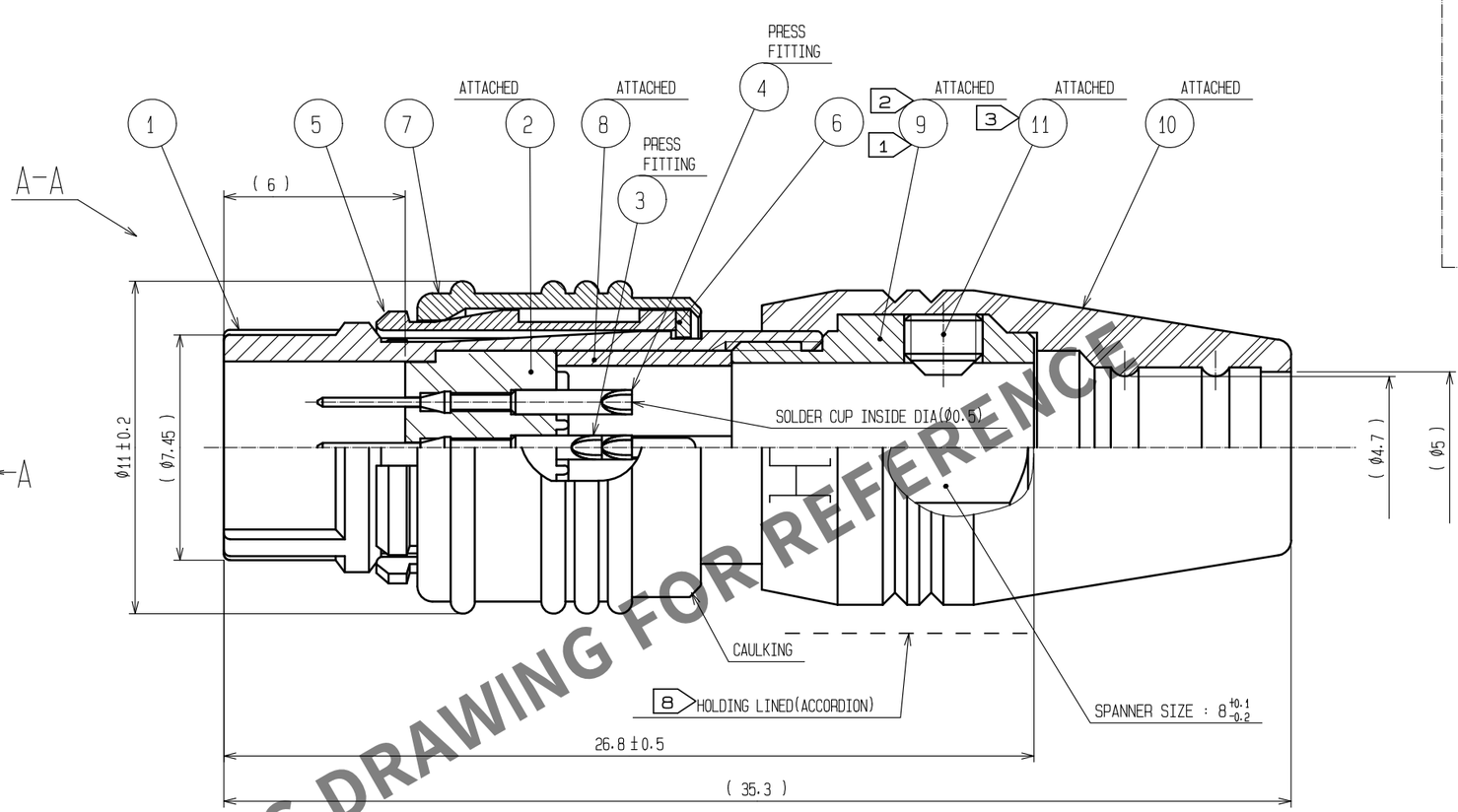
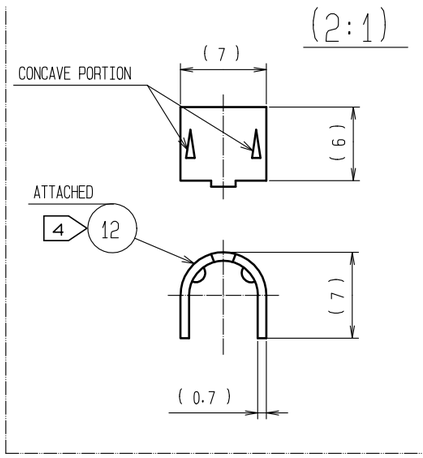
Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.







HRS DRAWING FOR REFERENCE

NOTES
1. THREAD PORTION OF REF. No. (9) IS APPLIED WITH PRECOATING TO PREVENT LOOSENESS. HOWEVER, THE ADHESIVE EFFECTIVENESS IS DECREASED WHEN REUSED.
2. THEREFORE, THREAD PORTION APPLIES TO COAT WITH LOCTITE 263 MANUFACTURED BY HENKEL JAPAN OR EQUIVALENT.
2. THE RECOMMENDED TIGHTENING TORQUE OF REF. No. (9) TO BE 1 N·m.
3. THE TIP OF REF. No. (11) SHALL BE FIXED TO THE CONCAVE PORTION WITH REF. No. (12) CLAMPED TO THE CABLE.
   OPPOSITE SIDE DIMENSION OF A HEXAGON SOCKET OF REF. No. (11) IS 1.27mm.
   AND THE RECOMMENDED TIGHTENING TORQUE OF REF. No. (11) TO BE 0.3 TO 0.4 N·m.
4. MANUAL CRIMPING TOOL OF REF. No. (12) : HR10A-TC-02(THE HOLE DIAMETER FOR CRIMPING:Ø5.3)
5. ROTATION EXAMPLES OF REF. No. (1) AND (9), (10) ARE SHOWN.
6. OVERPLATING : GOLD 0.2 μm min.
   UNDERPLATING : NICKEL 2 μm min.
2 7. REFER TO THE TECHNICAL SPECIFICATION ETAD-C0140 FOR ASSEMBLY PROCEDURE.
8. FOR SECURE CLICK SENSATION WHEN MATING, DO NOT HOLD REF. No. (7).
   THIS PRODUCT SHALL BE MATED WITH HOLDING LINED(ACCORDION) AREA OF REF. No. (10).
   INSERT THE PLUG UNTIL IT CLICKS.
   FOR THE WITHDRAWAL, PULL THE CONNECTOR BY HOLDING REF. No. (7).
9. THE CABLE PULL AND TWISTING STRENGTH AND OTHER CHARACTERISTICS MAY DIFFER, DEPENDING ON THE CABLE STRUCTURE. PLEASE CONFIRM BEFORE THE USE.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
6	BRASS	NICKEL PLATING	12	BRASS	
5	PHOSPHOR BRONZE	NICKEL PLATING	11	STEEL	NICKEL PLATING M2.6X0.45X2
4	PHOSPHOR BRONZE	6	10	ETHYLENE PROPYLENE RUBBER	(BLACK)
3	PHOSPHOR BRONZE	6	9	BRASS	NICKEL PLATING
2	POLYPHENYLENE SULFIDE	(BLACK) UL94V-0	8	POLYACETAL	(NATURAL)
1	ZINC ALLOY	MATTE FINISH NICKEL PLATING	7	BRASS	MATTE FINISH NICKEL PLATING

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	2	2	DIS-C-00016984	HT. ZENBA	EJ. KUNII	20240311

HIROSE ELECTRIC CO., LTD.

APPROVED	MO. SATOH	20061002	DRAWING NO. EDC3-115051-00
CHECKED	MO. SATOH	20061002	PART NO. HR25A-7P-8P
DESIGNED	YH. YAMADA	20061002	
DRAWN	MK. SATO	20060831	CODE NO. CL0125-0609-7-00 2 1/1