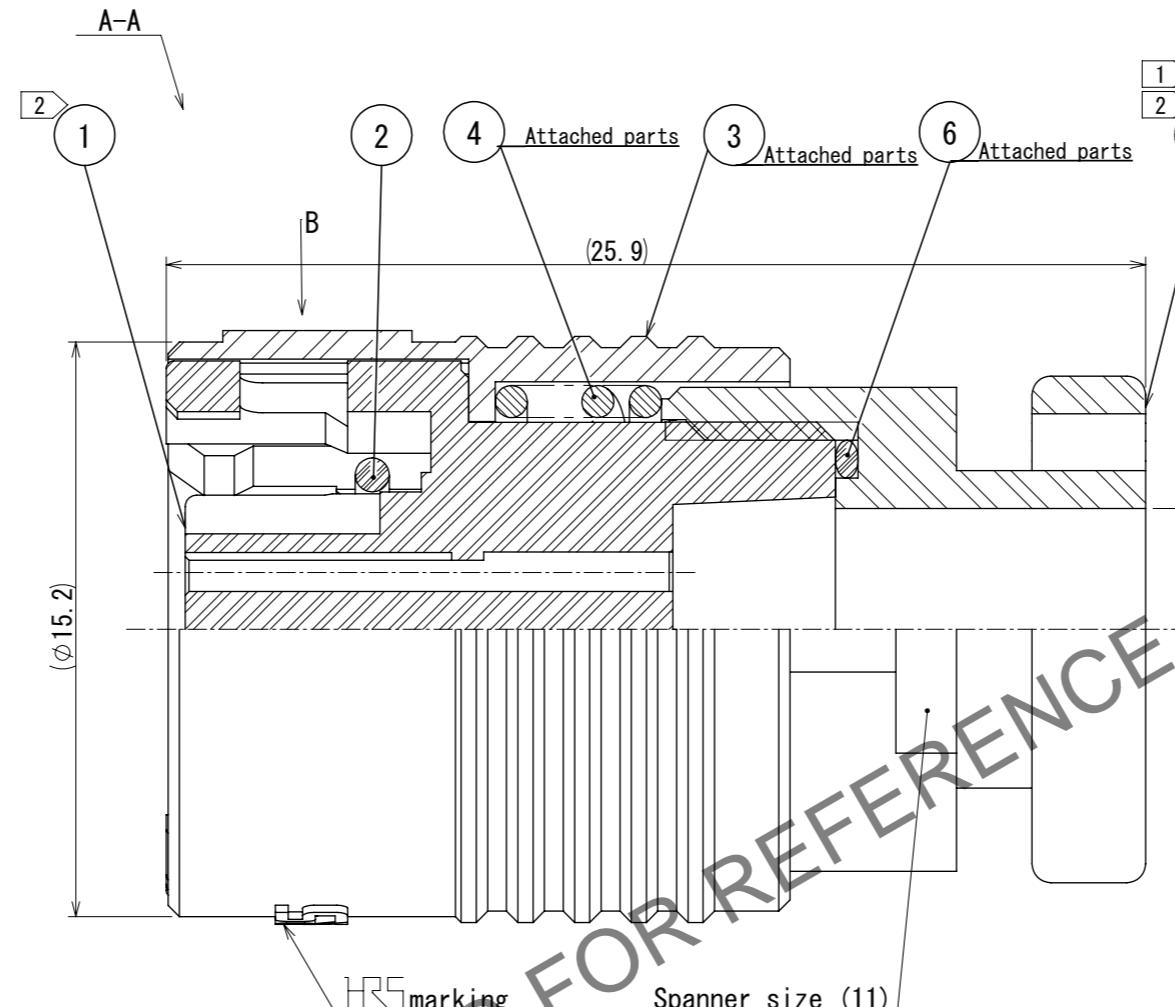
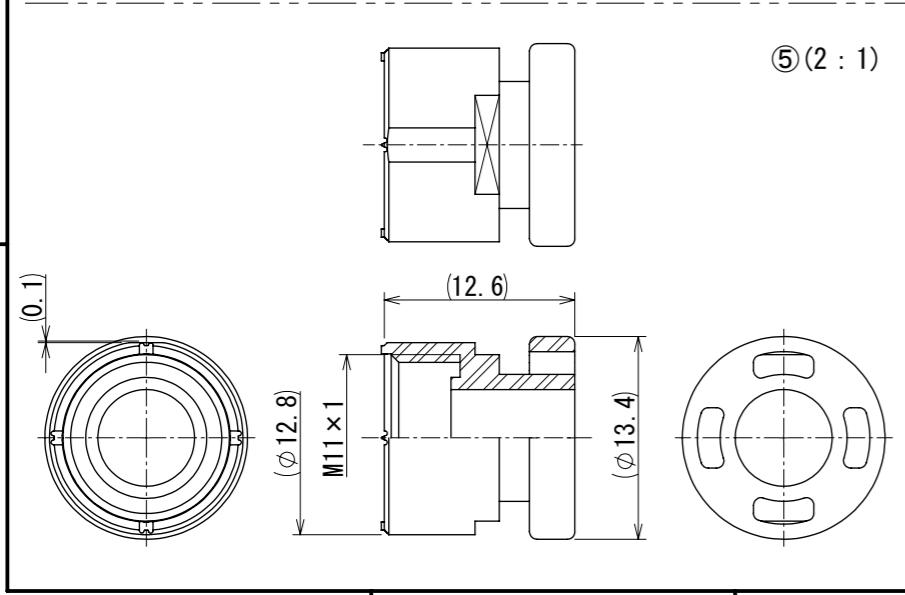
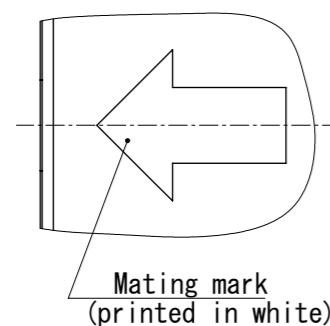
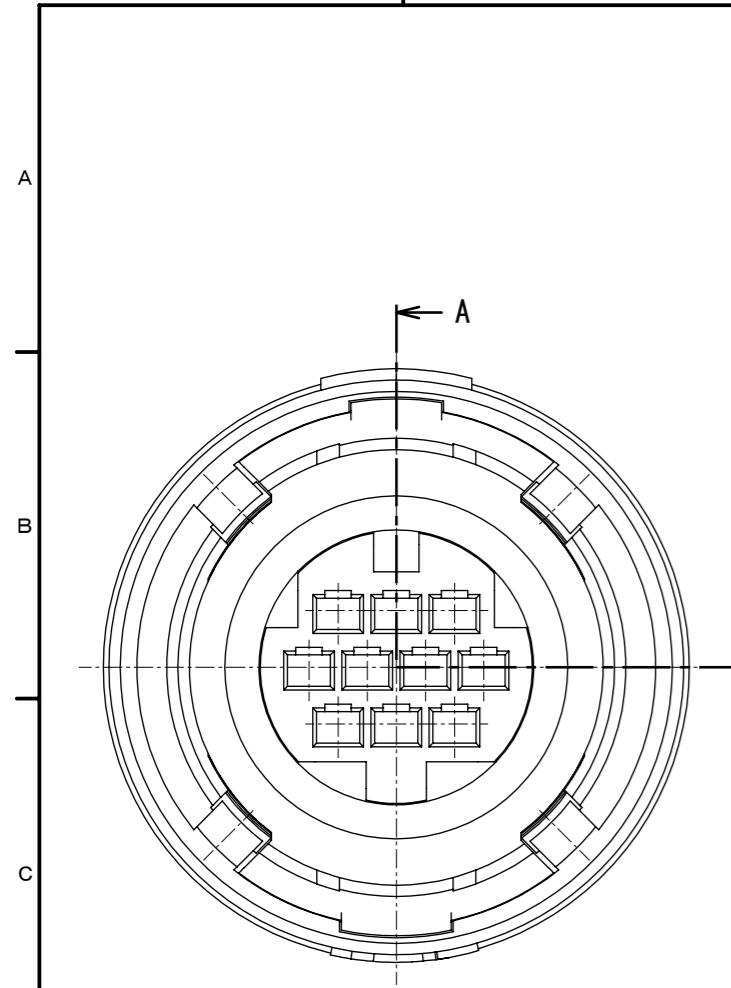
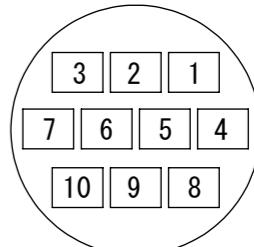


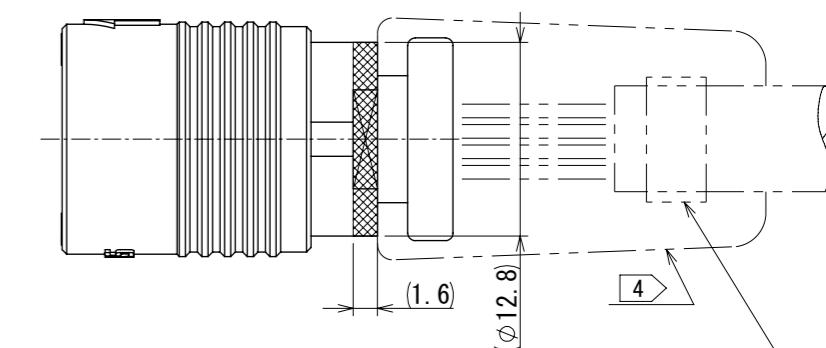
A  
B  
C  
D  
E



Contact position arrangement  
The contact configuration depict a view from the wiring side



## 5 Assembly procedure (2:1)



The use of the clamp fitting is recommended.

Notes ① The recommended clump torque of Ref. No. ⑤ is 0.45 to 0.5N·m.  
To prevent loosening, apply LOCTITE 263 and LOCK PRIMER 7649 manufactured by HENKEL JAPAN Co., Ltd. according to the Loctite Coating Procedure Manual (ETAD-C0151-00).

② Rotation examples of Ref. No. ① and Ref. No. ⑤ are shown. For overmolding note that the position is not always the same.

3 Applicable jig  
Solder termination fixture : HR30-7P-10SC-T01(CL150-0228-3)

④ When this product assembled, it shall apply to ETAD-C0198 and be overmolded by customer.  
Cable clamp strength, waterproof performance depend on overmold.  
We recommended checking the quality before the usage.

⑤ The molding die for overmolding shall be designed as holding down the area  (spanner setting area(11) and circumference of ( $\phi 12.8$ )) as shown in the drawing.

6 Applicable crimping contact : HR30-SC-211(CL130-0017-3)  
(Applicable wire 26 – 30 AWG, wire jacket diameter :  $\phi 0.1$  max)  
Applicable crimp contact extraction tool : HR30-TP(CL150-0219-2)

## 2 CAD change

|   |                            |                  |            |  |                           |                          |                    |
|---|----------------------------|------------------|------------|--|---------------------------|--------------------------|--------------------|
| 3   | Polybutylene terephthalate | (Black) UL94V-0  | 6          | Silicone rubber                            | (Red)                     |                          |                    |
| 2   | Silicone rubber            | (Red)            | 5          | Polyphenylene sulfide                      | (Black) UL94V-0           |                          |                    |
| 1   | Polyphenylene sulfide      | (Black) UL94V-0  | 4          | Stainless steel                            |                           |                          |                    |
| NO.   | MATERIAL                   | FINISH , REMARKS | NO.        | MATERIAL                                   | FINISH , REMARKS          |                          |                    |
| UNITS<br>mm                                   |                            | SCALE<br>5:1     | COUNT<br>1 | DESCRIPTION OF REVISIONS<br>DIS-C-00020689 | DESIGNED<br>KS. TAKAHASHI | CHECKED<br>HY. KOBAYASHI | DATE<br>2025.09.10 |
| <b>HRS</b><br>HIROSE<br>ELECTRIC<br>CO., LTD. | APPROVED : SU. OBARA       |                  |            | 2009.12.09                                 | DRAWING<br>NO.            | EDC-116601-00-00         |                    |
|   | CHECKED : HY. KISHI        |                  |            | 2009.12.09                                 | PART<br>NO.               | HR30-7PB-10SC            |                    |
|   | DESIGNED : TY. SUZUKI      |                  |            | 2009.12.09                                 | CODE<br>NO.               | CL0130-0036-8-00         |                    |
|   | DRAWN : TY. SUZUKI         |                  |            | 2009.12.09                                 |                           |                          | 1                  |