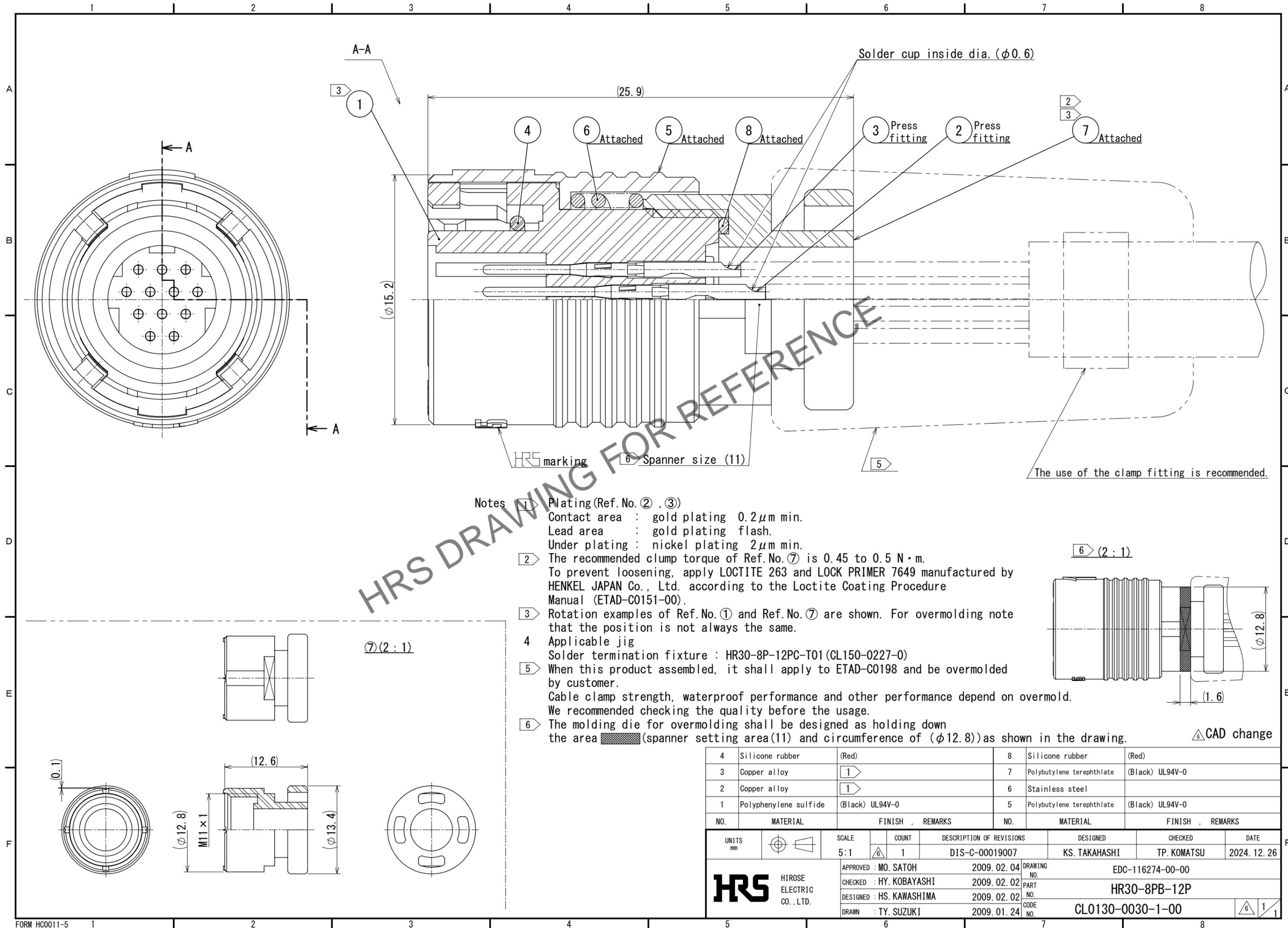


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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

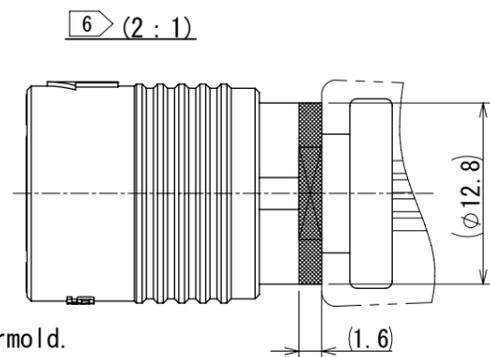


HRS DRAWING FOR REFERENCE

**Notes**

- ① Plating (Ref. No. ②, ③)  
 Contact area : gold plating 0.2 μm min.  
 Lead area : gold plating flash.  
 Under plating : nickel plating 2 μm min.
- ② The recommended clump torque of Ref. No. ⑦ is 0.45 to 0.5 N·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).
- ③ Rotation examples of Ref. No. ① and Ref. No. ⑦ are shown. For overmolding note that the position is not always the same.
- ④ Applicable jig  
 Solder termination fixture : HR30-8P-12PC-T01 (CL150-0227-0)
- ⑤ When this product assembled, it shall apply to ETAD-C0198 and be overmolded by customer.  
 Cable clamp strength, waterproof performance and other performance depend on overmold.  
 We recommended checking the quality before the usage.
- ⑥ The molding die for overmolding shall be designed as holding down the area  (spanner setting area(11) and circumference of (φ12.8)) as shown in the drawing.

The use of the clamp fitting is recommended.



NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
4	Silicone rubber	(Red)		8	Silicone rubber	(Red)	
3	Copper alloy	①		7	Polybutylene terephthalate	(Black) UL94V-0	
2	Copper alloy	①		6	Stainless steel		
1	Polyphenylene sulfide	(Black) UL94V-0		5	Polybutylene terephthalate	(Black) UL94V-0	

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5:1	⑥ 1	DIS-C-00019007	KS. TAKAHASHI	TP. KOMATSU	2024. 12. 26

<b>HRS</b> HIROSE ELECTRIC CO., LTD.	APPROVED : MO. SATOH	2009. 02. 04	DRAWING NO. EDC-116274-00-00 PART NO. HR30-8PB-12P CODE NO. CL0130-0030-1-00
	CHECKED : HY. KOBAYASHI	2009. 02. 02	
	DESIGNED : HS. KAWASHIMA	2009. 02. 02	
	DRAWN : TY. SUZUKI	2009. 01. 24	

△ CAD change