



Fig. 1 (1:1)

Notes

- ① Plating (ref. No. ③)
 Contact area : Gold 0.2 μ m min
 Others : Gold and nickel
 Under plating : Nickel 2 μ m min
- ② Plating (ref. No. ④)
 Surface area : Gold 0.2 μ m min
 Under plating : Nickel 2 μ m min
- ③ The recommended clamp torque of ref. No. ⑩, ⑪ to be 1.5 to 2 N·m.
 Thread locker to the threaded portion of ref. No. ⑩ is recommended to prevent ref. No. ⑩, ⑪ from loosening.
 Recommended thread locker : LOCTITE 263, HENKEL JAPAN LTD.
- ④ The recommended clamp torque of ref. No. ⑫ to be 0.8 to 1 N·m.
 Thread locker and lock primer to the threaded portion M12.5 X0.75 of ref. No. ⑫ is recommended to prevent ref. No. ⑫ from loosening.
 Recommended thread locker and lock primer : LOCTITE 263, LOCK PRIMER 7649, HENKEL JAPAN LTD.
- ⑤ Foster ref. No. ⑭ to the cable with the cable crimping tool.
 And make ref. No. ⑮ contact with ref. No. ⑯ (Refer to Fig. 1).
- ⑥ Refer to the technical specification ETAD-C0404 for details.
- ⑦ Applicable cable crimping tool : LF-TC-01 (CL-150-0234-6)(The hole diameter for crimping: ϕ 7.9)
 Applicable cable assembly fixture : LF10BP-T01 (CL150-0235-9)
- ⑧ The recommended clamp torque of ref. No. ⑰ to be 0.12 to 0.15 N·m, and opposite side distance is 0.889mm.
 Thread locker and lock primer to the threaded portion of ref. No. ⑰ is recommended to prevent ref. No. ⑰ from loosening.
 Recommended thread locker and lock primer : LOCTITE 263, LOCK PRIMER 7649, HENKEL JAPAN LTD.
- ⑨ Rotation examples of ref. No. ⑱, ⑲, ⑲ and ⑲ to ⑱ are shown.
- ⑩ and rotation examples of ref. No. ⑳, ㉑, ㉑ and ㉑ are shown.
- ⑪ The cable pull and twisting strength and other characteristics may differ, depending on the cable structure, please confirm before the use.

10	Brass	Nickel plating	19	Brass	Nickel plating
9	Brass	Nickel plating	18	Stainless steel	Hex socket set screw Natural, Brown) UL94V-0
8	Stainless steel	(Black)	17	PPS	(Natural, Winky white) UL94V-0
7	Chloroprene rubber	(Black)	16	Polyamide	(Natural, Winky white) UL94V-0
6	Stainless steel		15	Chloroprene rubber	(Black)
5	Zinc alloy	Nickel plating	14	Phosphor bronze	Nickel plating
4	Brass	②	13	Chloroprene rubber	(Black)
3	Copper alloy	①	12	Zinc alloy	Nickel plating
2	PPS	(Black) UL94V-0	11	Stainless steel	
1	Brass	Nickel plating			

NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
10	Brass	Nickel plating		19	Brass	Nickel plating	
9	Brass	Nickel plating		18	Stainless steel	Hex socket set screw Natural, Brown) UL94V-0	
8	Stainless steel	(Black)		17	PPS	(Natural, Winky white) UL94V-0	
7	Chloroprene rubber	(Black)		16	Polyamide	(Natural, Winky white) UL94V-0	
6	Stainless steel			15	Chloroprene rubber	(Black)	
5	Zinc alloy	Nickel plating		14	Phosphor bronze	Nickel plating	
4	Brass	②		13	Chloroprene rubber	(Black)	
3	Copper alloy	①		12	Zinc alloy	Nickel plating	
2	PPS	(Black) UL94V-0		11	Stainless steel		
1	Brass	Nickel plating					

HRS
 HIROSE ELECTRIC CO., LTD.

APPROVED	HY. KOBAYASHI	18.02.22	DRAWING	EDC-118147-31-00
CHECKED	HY. KOBAYASHI	18.02.22	PART	LF10WBLP-12PA(31)
DESIGNED	TY. SUZUKI	18.02.21	CODE	CL136-0025-0-31
DRAWN	HM. SATTO	18.02.19	NO.	1