

1			2			3			4		
COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		
△					△						
△					△						
△					△						

Technical drawing of a connector assembly. The drawing includes a top view, a side view, and a detail view of the crimping process. The top view shows a circular connector with 10 pins. The side view shows the internal structure with dimensions: 43.5±1, 32.5±1, 5.5±0.2, 14±0.3, 11.9+0.05/-0.2, 14±0.3, 11.9+0.05/-0.2, 14±0.3, 11.9+0.05/-0.2. The detail view shows a hand crimping tool (1) crimping a wire (9) onto a terminal (8). Dimensions for the crimping process are given as (9.4) and (6). A concave portion is also indicated with a dimension of (9.7).

NOTES

- HAND CRIMPING TOOL, REF. NO. ①: HR10A-TC-02 (CL150-0041-2)
- THE HOLE DIAMETER FOR CRIMPING: $\phi 5.3$
- THE RECOMMENDED CLAMP TORQUE, REF. NO. ⑦: 2 TO 2.5 N·m.
- ACROSS FLATS HEXAGON HEAD OF REF. NO. ⑧: 1.27
- THE RECOMMENDED CLAMP TORQUE, REF. NO. ⑧: 0.3 TO 0.4 N·m.
- THE TIP OF REF. NO. ⑧ SHALL BE FIXED TO THE CONCAVE PORTION WITH REF. NO. ⑨ CLAMPED TO THE CABLE.
- LOCTITE 242, HENKEL JAPAN OR EQUIVALENT IS RECOMMENDED TO PREVENT REF. NO. ① AND ⑧ FOR LOOSENING.
- ONE EXAMPLE OF THE ROTATION OF REF. NO. ⑦ TO REF. NO. ① IS SHOWN.
- 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
5	POLYAMIDE	(BLACK) UL94V-0	10	CHLOROPRENE RUBBER	(BLACK)
4	BRASS	SILVER PLATING 2 μ m min.	9	BRASS	
3	BRASS		8	STEEL	NICKEL PLATING M2.6×0.45×3
2	STAINLESS STEEL		7	BRASS	MATTE FINISH NICKEL PLATED
1	ZINC ALLOY	MATTE FINISH NICKEL PLATED	6	BRASS	MATTE FINISH NICKEL PLATED

CODE NO. (OLD)	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
CL	M. Sato	T. Horie	E. Kunita	M. Sato	
	07.03.07	07.03.07	07.03.08	07.03.08	

DRAWING NO.	PART NO.
EDC4-021371-73	HR10A-10J-10P(73)

SCALE	UNITS	CODE NO.
2 : 1	mm	CL110-0412-3-73

HRS HIROSE ELECTRIC CO., LTD.

TO
R