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

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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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Technical drawing of a connector assembly. The main view is a cross-section showing internal components and dimensions: $\phi 14 \pm 0.3$, $\phi 11.9^{+0.05}_{-0.2}$, 5.5 ± 0.2 , 32.5 ± 1 , 43.5 ± 2 , $\phi 0.8$, $9.5^{+0.1}_{-0.2}$, and $(\phi 7)$. Callouts 1 through 10 point to specific parts. A detail view shows a hexagonal head with dimensions (9.4) , (6) , and (9.7) . A note explains the rotation of part 7.

NOTE ① HAND CRIMPING TOOL, REF. NO. ⑨: HR10A-TC-02 (CL150-0041-2)
THE HOLE DIAMETER FOR CRIMPING: $\phi 7.0$
② THE RECOMMENDED CLAMP TORQUE, REF. NO. ⑦: 2-2.5 N·m.
③ ACROSS FLATS HEXAGON HEAD OF REF. NO. ⑧: 1.27
THE RECOMMENDED CLAMP TORQUE, REF. NO. ⑧: 0.3-0.4 N·m.
④ LOCTITE 242, HENKEL JAPAN OR EQUIVALENT IS RECOMMENDED TO PREVENT REF. NO. ① AND ⑧ FROM LOOSENING.
⑤ ONE EXAMPLE OF THE ROTATION OF REF. NO. ⑦ TO REF. NO. ① IS SHOWN.

5	POLYAMIDE	(BLACK) UL94V-0	10	CR	(BLACK)
4	PHOSPHOR BRONZE	SILVER PLATING 2μm min.	9	BRASS	
3	PHOSPHOR BRONZE		8	STEEL	NICKEL PLATING HEXAGON SOCKET SET SCREW 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
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS

CODE NO. (OLD)	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
CL	<i>D. Motome</i>	<i>D. Motome</i>	<i>E. Kurii</i>	<i>M. Sato</i>	
	05.10.01	05.10.01	05.10.03	05.10.14	

DRAWING NO.	PART NO.
EDC4-020555-73	HR10A-10J-12S(73)
HRS HIROSE ELECTRIC CO., LTD.	CODE NO. CL110-0405-8-73

SACLE	UNITS
2 : 1	mm

TO

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FORM NO. 228