

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

Technical drawing of a cable connector assembly. The drawing includes a side view with dimensions: total length 35±2, main body length 26.5±1, and a 5.5±0.2 section. Diameters are given as φ11±0.3, φ8.85±0.2, and φ5. A solder cup with an inside diameter of φ0.8 is shown. Callouts 1-9 point to various components. End views show the internal structure with four pins. A detail view shows the 'CONCAVE PORTION' with dimensions (6), (7), and (8).

NOTES

- ① HAND CRIMPING TOOL, REF. NO. ⑧ : HR10A-TC-02 (CL150-0041-2)  
THE HOLE DIAMETER FOR CRIMPING: φ 5.3
- ② THE RECOMMENDED CLAMP TORQUE, REF. NO. ⑥ : 1.5 TO 2 N · m.
- ③ ACROSS FLATS HEXAGON HEAD OF REF. NO. ⑦ : 1.27  
THE RECOMMENDED CLAMP TORQUE, REF. NO. ⑦ : 0.3 TO 0.4 N · m.  
THE TIP OF REF. NO. ⑦ SHALL BE FIXED TO THE CONCAVE PORTION WITH REF. NO. ⑧ CLAMPED TO THE CABLE.
- ④ LOCTITE 242, HENKEL JAPAN OR EQUIVALENT IS RECOMMENDED TO PREVENT REF. NO. ① AND ⑦ FOR LOOSENING.
- 5 ONE EXAMPLE OF THE ROTATION OF REF. NO. ⑥ TO REF. NO. ① IS SHOWN.
- 6 THE CABLE PULL AND TWISTING STRENGTH AND OTHER CHARACTERISTICS MAY DIFFER, DEPENDING ON THE CABLE STRUCTURE. PLEASE CONFIRM BEFORE THE USE.

|   |                 |                                                                     |   |                    |                            |
|---|-----------------|---------------------------------------------------------------------|---|--------------------|----------------------------|
| 4 | POLYAMIDE       | (BLACK) UL94V-0                                                     | 9 | CHLOROPRENE RUBBER | (BLACK)                    |
| 3 | PHOSPHOR BRONZE | OVER PLATING: GOLD 0.2 μ m min.<br>UNDER PLATING: NICKEL 2 μ m min. | 8 | BRASS              |                            |
| 2 | STAINLESS STEEL |                                                                     | 7 | STEEL              | NICKEL PLATING M2.6×0.45×2 |
| 1 | ZINC ALLOY      | MATTE FINISH NICKEL PLATED                                          | 6 | BRASS              | MATTE FINISH NICKEL PLATED |
|   |                 |                                                                     | 5 | BRASS              | MATTE FINISH NICKEL PLATED |

| NO. | MATERIAL | FINISH, REMARKS | NO. | MATERIAL | FINISH, REMARKS |
|-----|----------|-----------------|-----|----------|-----------------|
|     |          |                 |     |          |                 |

| CODE NO. (OLD) | DRAWN          | DESIGNED        | CHECKED        | APPROVED       | RELEASED |
|----------------|----------------|-----------------|----------------|----------------|----------|
| CL             | <i>M. Sato</i> | <i>T. Horii</i> | <i>M. Sato</i> | <i>M. Sato</i> |          |
|                | 07.03.06       | 07.03.06        | 07.03.07       | 07.03.07       |          |

| DRAWING NO.    | PART NO.        |
|----------------|-----------------|
| EDC4-020544-74 | HR10A-7J-6S(74) |

| SCALE | UNITS | CODE NO.        |
|-------|-------|-----------------|
| 2 : 1 | mm    | CL110-0311-6-74 |

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