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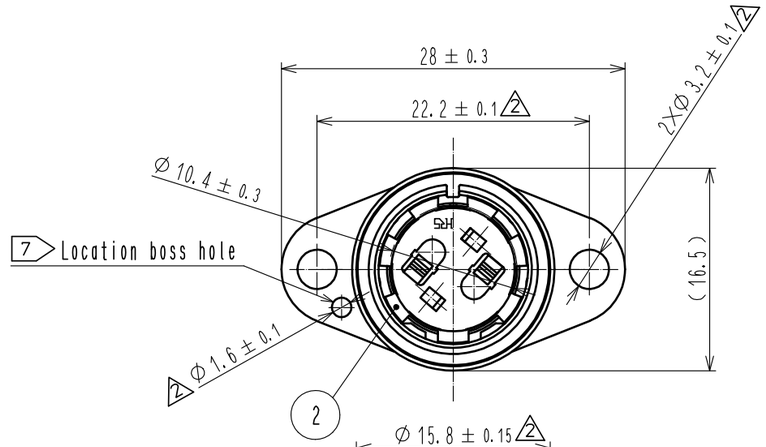
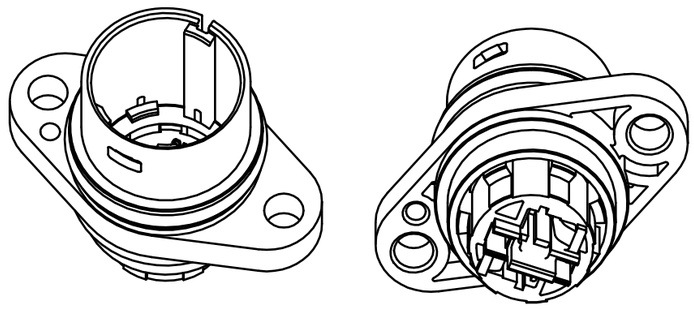
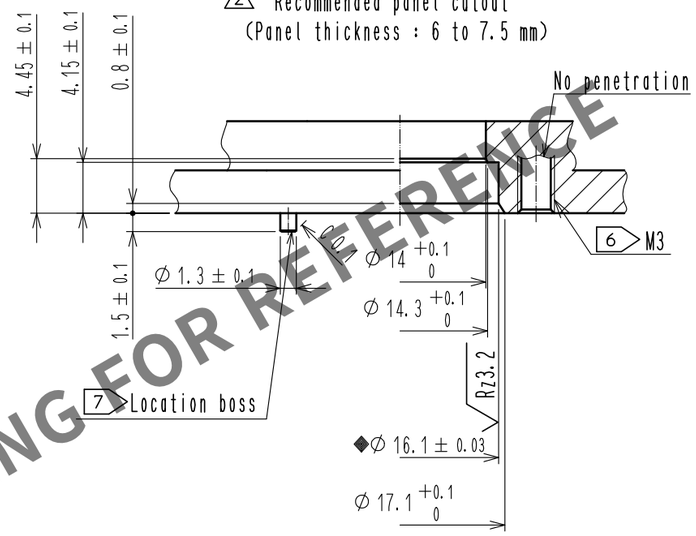
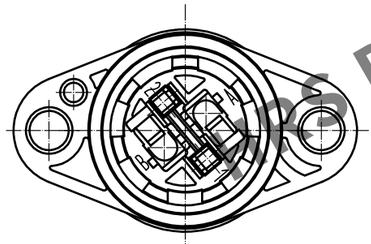
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

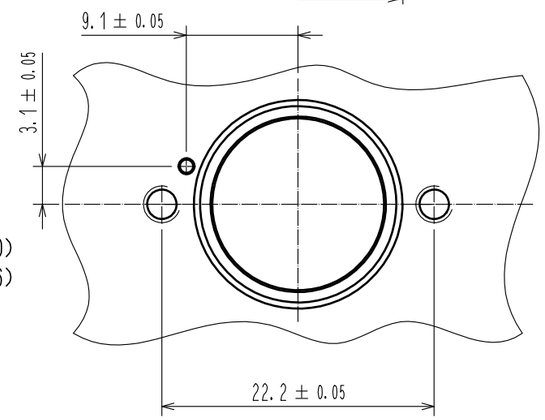


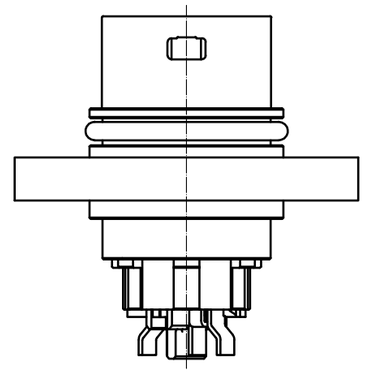
1 Isometric drawing

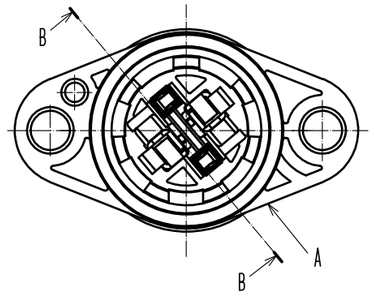


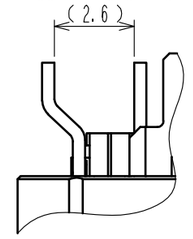



2 Fig.1 The state applicable contacts assembled.

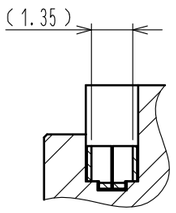





A(5:1)
(Power contact Soldering section)
(Inner dimensions)




B-B(5:1)
(Signal contact Soldering section)
(Inner dimensions)




Notes 1. Applicable contact
Power : BH12-P-213(CL140-0016-0-00) (Applicable wire:AWG#14 to 16 Wire jacket diameter:φ2.6 to 3.0)
Signal : BH12-P1-213(CL140-0017-0-00) (Applicable wire:AWG#22 to 24 Wire jacket diameter:φ1.4 to 1.6)

2 Fig.1 shows the state applicable contact assembled.

3. The assembly of this product applies to the manual ETAD-C0454-00.

4. Check Ref No.③ is properly set at the groove of Ref No.①
while mounting the connector, make sure that Ref NO.③ is not caught.

5. The cable pull and twisting strength, waterproof tightness and other characteristics may differ,
depending on the cable structure, please confirm before the use.

6 The recommended tightening torque for the screw is 0.3 to 0.5 N・m.
it is recommended to apply Adhesive LOCTITE 263 manufactured by Henkel Japan LTD (or Equivalent) to the screw
to refrain from loosing.

7 When attaching to the panel, confirm the position of the location boss hole before tightening.

1 8. Please do not use this connector in the condition of incomplete mating.
Otherwise, the electrical performance, waterproofness, and lock strength cannot meet the defined specifications.

3 9 It is recommended to apply Silicone grease KS-651 manufactured by Shin-Etsu Chemical LTD (or Equivalent) to the O-ring
to improve the attachability to the panel.

HRS DRAWING FOR REFERENCE

| NO. | MATERIAL | FINISH , REMARKS | NO. | MATERIAL | FINISH , REMARKS |
|---|---|---|---|---|---|
| 2 | silicone rubber | (Yellow) | | | |
| 1 | PBT | (Black) UL94V-0 | 3 | silicone rubber | (Red) |

| UNITS | SCALE | | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|---|---|---|---|---|---|---|---|
| mm | 2 : 1 | 3 | 1 | DIS-C-00011316 | SH. KOYAMA | EJ. KUNII | 20220512 |

HIROSE ELECTRIC CO., LTD.

| | | |
|---|---|---|
| APPROVED | YH. YAMADA | 20200128 |
| CHECKED | HN. TANAKA | 20200128 |
| DESIGNED | SH. KOYAMA | 20200128 |
| DRAWN | SH. KOYAMA | 20200128 |

DRAWING NO. EDC-390463-00-00
PART NO. BH12WRA-4P
CODE NO. CL0140-0013-0-00 3 1/1