CTH SERIES METALIZED PLASTIC “D” SUBMINIATURE SHELL

General

The HIROSE “CTH” plug cases are made of plated plastic for achieve high shielding effectiveness. 9, 15, 25 and 37-contact models are available. Suitable for protecting the interfaces between units from electromagnetic interference.

Features

(1) Standard screw type locking mechanism provides a strong and secure lock.
(2) Plated ABS resin enable shell to be lightweight and strong with excellent shielding characteristics (ABS resin UL94HB/plating UL746C)
(3) Enhanced shielding effectiveness by clamping the cable shielding part with two types of clamps sandwiched between the plug cases.
(4) The clamp has a screw to ground the drain wire. Can easily in corporate soldering (HD), ribbon cable type (FD) and crimping (CD).
Applications

Computers, peripherals and terminals, control equipment, and measuring instruments.

Material and Finish

<table>
<thead>
<tr>
<th>Parts</th>
<th>Materials</th>
<th>Finish</th>
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<tbody>
<tr>
<td>Plug Case</td>
<td>ABS</td>
<td>Chrome plated over nickel plated</td>
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</table>

Ordering Informations

Plug Case

(1) Series Name
(2) Connector size: E (9 contacts), A (15 contacts), B (25 contacts), C (37 contacts)
   Note: Not available for 50pos. cover.
(3) Type of plug case
    CT: With vertical cable inlet opening
(4) Serial sign for series
    H: Plug case made of plated plastic
(5) No sign: Lock screw to be driven with screwdriver
    1: Hand-driven lock screw
(6) No sign: M2.6 (4-40): Inch

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.

All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirose-connectors.com, or contact your Hirose sales representative.
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Shielding Characteristics

LEAKED RF VOLTAGE

RF Voltage: 13dB (aV)

Leaked RF Voltage in dB (aV/m)

Note: Meshcover + aluminum foil shield specification are used for all cables

Frequency in MHz

Standard Shell

CTH Metalized Plastic Shell
Metalized Plastic Shell Assembling Method

- Metal shield tape
  (After folding the shield braid wind it with the tape matching with the cable dia)

- Cable

- Cable clamp portion

- Cable clamp portion (A)

- For the cable, the mesh cover + aluminum foil shield specification is recommendable for conforming to FCC.

- Drain wire

- Drain wire fixing screw

EMI Test Method

TEM CELL

- Spectrum analyzer

- Sample

- LOAD

- Signal generator

(Measurement method)