HIROSE CTF series plastic D subminiature shells offer the highest quality of mechanical design and appearance. Available to fit 9, 15, 25, and 37 position connectors and most competitors products. LN mounts allow for design flexibility.

Features

(1) Standard screw type locking mechanism provides a strong and secure lock.
(2) ABS resin molding material offers light weight, sturdy construction.
(3) Easy to assemble and service because the case is split at the center of the cable inlet and few screws are used.
(4) Two types of locking devices are available, rectangular and hexagonal, to meet different panel mounting complies.
(5) The 25-contact model complies with the the modem plug case specified in JIS-C-6361.
(6) Can easily incorporate soldering (HD) and crimping.

Application

Modems in communications equipment such as computers, peripherals and terminal equipment, control equipment, measuring instruments, and export equipment.
Materials

<table>
<thead>
<tr>
<th>Part</th>
<th>Material</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plug case</td>
<td>ABS resin</td>
<td>23PB 6/2 (color)</td>
</tr>
<tr>
<td>Locking device</td>
<td>Steel or zinc alloy die casting</td>
<td>Nickel plating</td>
</tr>
</tbody>
</table>

Ordering Informations

**Plug case**

![Diagram]

- H: Connector series
- D: Connector size: E (9 contacts), A (15 contacts), B (25 contacts), C (37 contacts)
  - Note: Not available for 50pos. cover.
- B: Type of plug case
  - CT: Plug case with a vertical cable inlet opening
- C: Serial sign for series
  - F: Plug case made of plastic
- T: Locking screws
  - No sign: To be locked with a screwdriver
  - 1: To be locked by hand
- F: Locking device
  - LN: Screw type locking device
- T: Type of locking device
  - Provided with a sequence of upper-case alphabetic characters.
  - No sign: Rectangular
  - A: Hexagonal
- F: Type of screw
  - Provided with a sequence of Arabic numerals.
  - No sign: M2.6
  - (4-40): inch

**Locking device**

![Diagram]

- H: Connector series
- D: Connector size: E (9 contacts), A (15 contacts), B (25 contacts), C (37 contacts)
  - Note: Not available for 50pos. cover.
- L: Type of plug case
  - CT: Plug case with a vertical cable inlet opening
- N: Serial sign for series
  - F: Plug case made of plastic
- A: Locking screws
  - No sign: To be locked with a screwdriver
  - 1: To be locked by hand
- A: Locking device
  - LN: Screw type locking device
- A: Type of locking device
  - Provided with a sequence of upper-case alphabetic characters.
  - No sign: Rectangular
  - A: Hexagonal
- A: Type of screw
  - Provided with a sequence of Arabic numerals.
  - 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.

## Dataphone shell (To be locked with a screwdriver)

- **HDB-CTF (50)**

<table>
<thead>
<tr>
<th>HRS No</th>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>RoHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL211-010B-8-30</td>
<td>HDB-CTF (50)</td>
<td>24.99</td>
<td>33.2</td>
<td>18</td>
<td>19.3</td>
<td>19.2</td>
<td>40.2</td>
<td>196</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>CL211-010B-7-30</td>
<td>HDA-CTF (50)</td>
<td>33.32</td>
<td>41.2</td>
<td>18</td>
<td>27.2</td>
<td>27.2</td>
<td>43.2</td>
<td>196</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>CL211-010B-6-30</td>
<td>HDB-CTF (50)</td>
<td>42.05</td>
<td>50</td>
<td>20</td>
<td>40</td>
<td>40</td>
<td>60</td>
<td>208</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>CL211-010B-5-30</td>
<td>HDB-CTF (50)</td>
<td>63.5</td>
<td>72.2</td>
<td>20</td>
<td>50</td>
<td>50</td>
<td>72.2</td>
<td>24</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

### Unit: mm

## Dataphone Shell (To be locked by hand)

- **HDB-CTF1 (50)**

<table>
<thead>
<tr>
<th>HRS No</th>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>RoHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL211-010A-8-30</td>
<td>HDBCTF1 (50)</td>
<td>24.99</td>
<td>33.2</td>
<td>18</td>
<td>19.2</td>
<td>19.2</td>
<td>40.2</td>
<td>196</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>CL211-010A-7-30</td>
<td>HDA-CTF1 (50)</td>
<td>33.32</td>
<td>41.2</td>
<td>18</td>
<td>27.2</td>
<td>27.2</td>
<td>43.2</td>
<td>196</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>CL211-010A-6-30</td>
<td>HDB-CTF1 (50)</td>
<td>42.05</td>
<td>50</td>
<td>20</td>
<td>40</td>
<td>40</td>
<td>60</td>
<td>208</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>CL211-010A-5-30</td>
<td>HDB-CTF1 (50)</td>
<td>63.5</td>
<td>72.2</td>
<td>20</td>
<td>50</td>
<td>50</td>
<td>72.2</td>
<td>24</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

### Unit: mm
SM Series (D SUB) Accessory

Spring lock

Material
Body: Stainless steel
Screws: Steel
Finish: Treated with dichromate over zinc plating

<table>
<thead>
<tr>
<th>HRS No</th>
<th>Part No</th>
<th>RollS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL211-0122-8-50</td>
<td>DA-L 900</td>
<td>YES</td>
</tr>
</tbody>
</table>

Spring lock

D☆-PLA(50)

Material
Body: Stainless steel
Screws: Steel
Finish: Nickel plating

(1) Connector size: E (9 contacts)
A (15 contacts)
B (25 contacts)
C (37 contacts)

<table>
<thead>
<tr>
<th>HRS No</th>
<th>Part No</th>
<th>A</th>
<th>B</th>
<th>RollS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL211-00789-50</td>
<td>DE-PLA (50)</td>
<td>35.5</td>
<td>28.05</td>
<td>9</td>
</tr>
<tr>
<td>CL211-00807-50</td>
<td>DA-PLA (50)</td>
<td>43.7</td>
<td>36.84</td>
<td>15</td>
</tr>
<tr>
<td>CL211-00818-50</td>
<td>DB-PLA (50)</td>
<td>57.42</td>
<td>50.90</td>
<td>23</td>
</tr>
<tr>
<td>CL211-00822-50</td>
<td>DC-PLA (50)</td>
<td>73.58</td>
<td>67.05</td>
<td>37</td>
</tr>
</tbody>
</table>

D-PLA(05)

Material: Steel
Body Finish: Nickel plating
Screws

Notes
(1) Minimum ordering quantity is one package, which contains two units.
(2) Applicable for any size of our connectors.

Setup View

D-PLB

DB-PLA

<table>
<thead>
<tr>
<th>HRS No</th>
<th>Part No</th>
<th>RollS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL211-0172-9-05</td>
<td>D-PLB 005</td>
<td>YES</td>
</tr>
</tbody>
</table>
SM Series (D SUB) Accessory

Screw lock (for HD-LNA)

Note: Minimum ordering quantity is one package, which contains two units.

Material
Body: Steel
Finish
Nickel plating

Before mounting the D-SLA, loosen the screw slightly

Note (1) Applicable for 9 to 37 contacts.
(2) Minimum ordering quantity is one package which contains two units.

Locking device

Material
Steel or zinc alloy
Finish
Nickel plating

<table>
<thead>
<tr>
<th>No. of washers</th>
<th>1.2mm or less</th>
<th>1.2-1.6mm</th>
<th>1.6-2.0mm</th>
<th>0.8-1.2mm</th>
<th>0-0.4mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>HD-LN (05)</td>
<td>HD-LN (4-40) (05)</td>
<td>HD-LN (05)</td>
<td>HD-LN (4-40) (05)</td>
<td>HD-LN (05)</td>
</tr>
<tr>
<td>1</td>
<td>HD-LN (05)</td>
<td>HD-LN (4-40) (05)</td>
<td>HD-LN (05)</td>
<td>HD-LN (4-40) (05)</td>
<td>HD-LN (05)</td>
</tr>
<tr>
<td>2</td>
<td>HD-LN (05)</td>
<td>HD-LN (4-40) (05)</td>
<td>HD-LN (05)</td>
<td>HD-LN (4-40) (05)</td>
<td>HD-LN (05)</td>
</tr>
</tbody>
</table>

Unit: mm

Before mounting the D-SLA, loosen the screw slightly.
SM Series (D SUB) Accessory

**Clamp**

Material
- Steel
- Finish: Nickel plating

**Material**
- Vinyl chloride (UL94V-2)
- Color: Light blue
- Finish: Color: Natural

**Dust cap**

**Material**
- Polyethylene resin
- Finish: Color: Natural

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**Table:**

<table>
<thead>
<tr>
<th>HRS No</th>
<th>Part No</th>
<th>L1 (mm)</th>
<th>L2 (mm)</th>
<th>L3 (mm)</th>
<th>P (mm)</th>
<th>W1 (mm)</th>
<th>W2 (mm)</th>
<th>H (mm)</th>
<th>RoHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL211-0007-6.50</td>
<td>HDCC (30)</td>
<td>7.3</td>
<td>236</td>
<td>24.99</td>
<td>7.5</td>
<td>12.7</td>
<td>16.3</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>CL211-0005-4.50</td>
<td>HDAC (30)</td>
<td>8.0</td>
<td>389</td>
<td>13.32</td>
<td>7.5</td>
<td>12.7</td>
<td>16.3</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>CL211-0015-7.50</td>
<td>HDBC (30)</td>
<td>20.2</td>
<td>528</td>
<td>47.04</td>
<td>7.5</td>
<td>12.7</td>
<td>16.3</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>CL211-0005-3.50</td>
<td>HDC (30)</td>
<td>37.0</td>
<td>691</td>
<td>17.3</td>
<td>16.3</td>
<td>7.5</td>
<td>12.7</td>
<td>16.3</td>
<td>YES</td>
</tr>
<tr>
<td>CL211-0006-7.50</td>
<td>HDBC (30)</td>
<td>37.0</td>
<td>667</td>
<td>17.3</td>
<td>16.3</td>
<td>11.1</td>
<td>9.9</td>
<td>15.5</td>
<td>17.6</td>
</tr>
</tbody>
</table>

Unit: mm

**Note:** Dust cap for male connector cannot be used for the connector with locking device (LN)

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**Material**
- Polyethylene resin
- Finish: Color: Natural