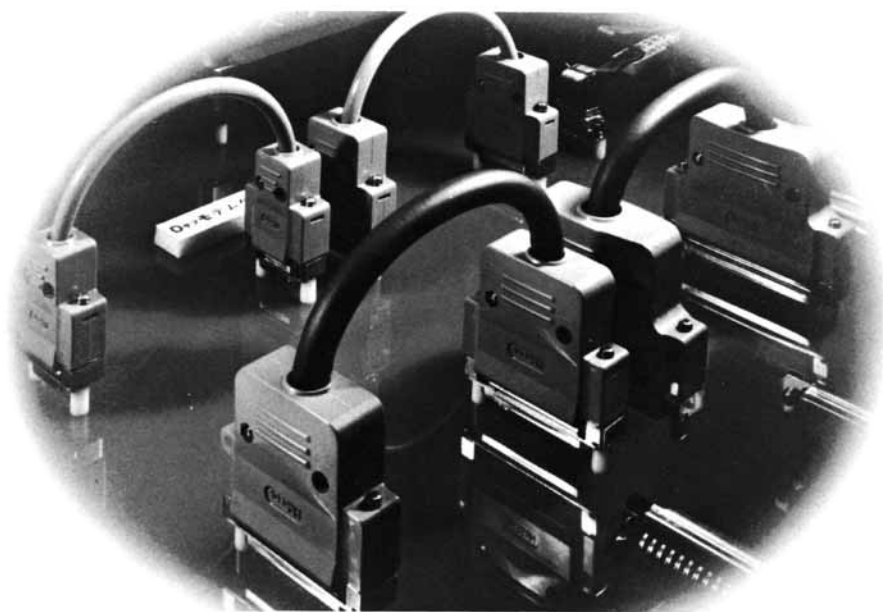


# CTF SERIES PLASTIC D SUBMINIATURE SHELL (ACCESSORIES)

## General

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 mod-em plug case specified in JIS-C-6361.
- (6) Can easily incorporate solderling (HD) and crimping.

## Application

Modems in communications equipment such as computers, peripherals and terminal equipment, control

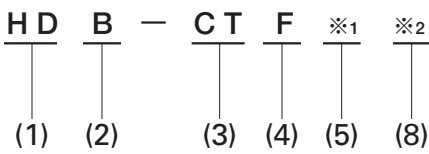
equipment, measuring instruments, and export equipment.

Materials

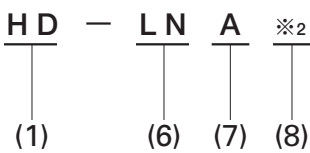
| Part           | Material                        | Finish           |
|----------------|---------------------------------|------------------|
| Plug case      | ABS resin                       | 25PB 6/2 (color) |
| Locking device | Steel or zinc alloy die casting | Nickel plating   |

Ordering Informations

Plug case



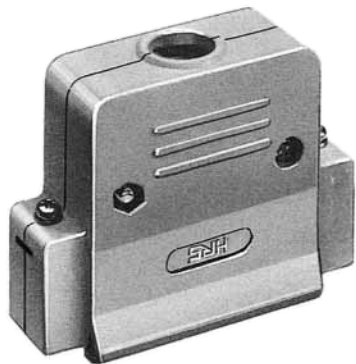
Locking device



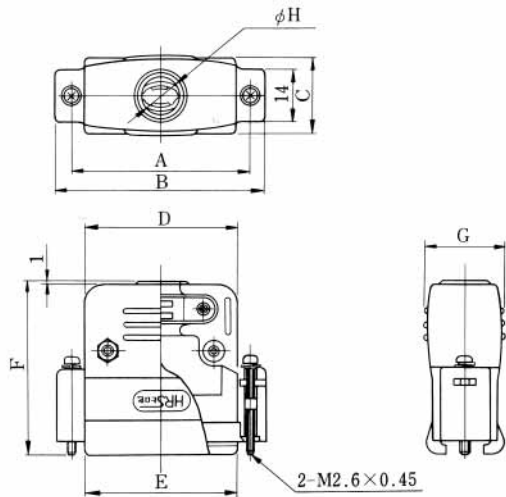
- (1) Connector series
- (2) Connector size: E (9 contacts), A (15 contacts), B (25 contacts), C (37 contacts)  
Note: Not available for 50pos. cover.
- (3) Type of plug case  
CT: Plug case with a vertical cable inlet opening
- (4) Serial sign for series  
F: Plug case made of plastic
- (5) Locking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

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Dataphone shell (To be locked with a screwdriver)



HDB-CTF (50)

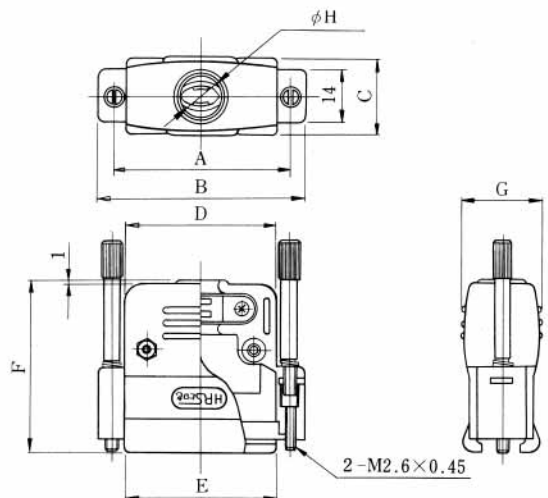


| Unit: mm        |          |              |       |      |    |      |      |      |      |    |      |
|-----------------|----------|--------------|-------|------|----|------|------|------|------|----|------|
| HRS No          | Noof pin | Part No.     | A     | B    | C  | D    | E    | F    | G    | H  | RoHS |
| CL211-0159-8-50 | 9        | HDE-CTF (50) | 24.99 | 33.2 | 18 | 19.3 | 19.2 | 40.2 | 19.6 | 7  | YES  |
| CL211-0160-7-50 | 15       | HDA-CTF (50) | 33.32 | 41.2 | 18 | 27.2 | 27.2 | 43.2 | 19.6 | 9  |      |
| CL211-0139-0-50 | 25       | HDB-CTF (50) | 47.04 | 55   | 20 | 40   | 40   | 46   | 20.8 | 10 |      |
| CL211-0161-0-50 | 37       | HDC-CTF (50) | 63.5  | 72.2 | 20 | 50.2 | 57   | 51.2 | 24   | 12 |      |

Dataphone Shell (To be locked by hand)



HDB-CTF1 (50)

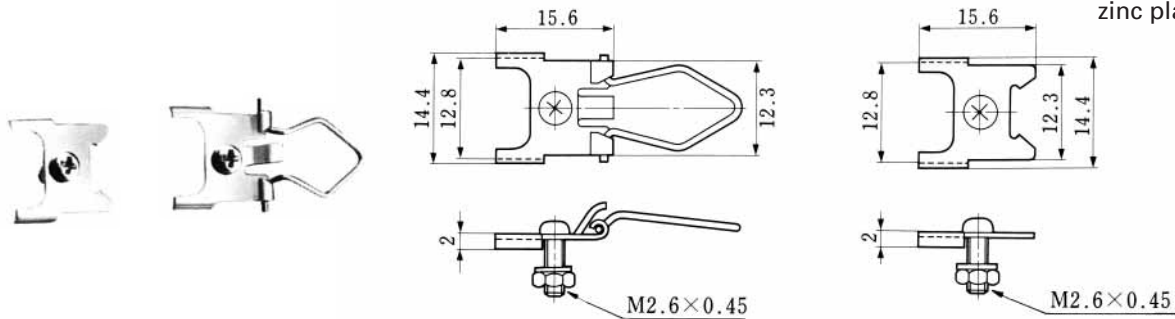


| Unit: mm        |          |               |       |      |    |      |      |      |      |    |      |
|-----------------|----------|---------------|-------|------|----|------|------|------|------|----|------|
| HRS No          | Noof pin | Part No.      | A     | B    | C  | D    | E    | F    | G    | H  | RoHS |
| CL211-0168-9-50 | 9        | HDE-CTF1 (50) | 24.99 | 33.2 | 18 | 19.2 | 19.2 | 40.2 | 19.6 | 7  | YES  |
| CL211-0350-2-50 | 15       | HDA-CTF1 (50) | 33.32 | 41.2 | 18 | 27.2 | 27.2 | 43.2 | 19.6 | 9  |      |
| CL211-0166-3-50 | 25       | HDB-CTF1 (50) | 47.04 | 55   | 20 | 40   | 40   | 46   | 20.8 | 10 |      |
| CL211-0328-3-50 | 37       | HDC-CTF1 (50) | 63.5  | 72.2 | 20 | 50.2 | 57   | 51.2 | 24   | 12 |      |

SM Series (D SUB) Accessory

Spring lock

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



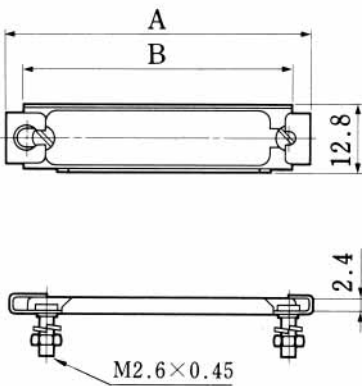
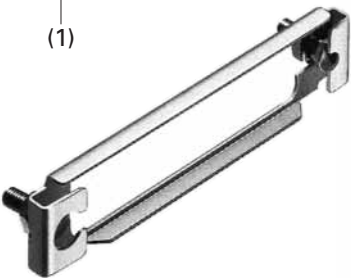
| HRS No          | Part No.  | RoHS |
|-----------------|-----------|------|
| CL211-0122-8-50 | DA-L (50) | YES  |

| HRS No          | Part No.   | RoHS |
|-----------------|------------|------|
| CL211-0123-0-50 | DA-LP (50) | YES  |

Spring lock

D※-PLA (50)

(1)



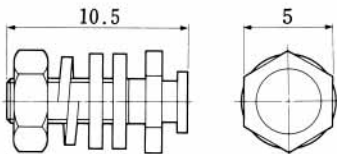
Material  
Body: Stainless steel  
Screws: Steel  
Finish  
Screws: Nickel plating

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

Unit: mm

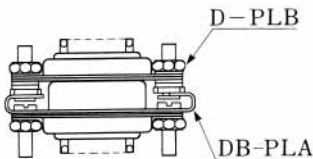
| HRS No          | Part No.    | A     | B     | No of pin | RoHS |
|-----------------|-------------|-------|-------|-----------|------|
| CL211-0679-8-50 | DE-PLA (50) | 35.37 | 28.51 | 9         | YES  |
| CL211-0680-7-50 | DA-PLA (50) | 43.7  | 36.84 | 15        |      |
| CL211-0681-0-50 | DB-PLA (50) | 57.42 | 50.56 | 25        |      |
| CL211-0682-2-50 | DC-PLA (50) | 73.88 | 67.02 | 37        |      |

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

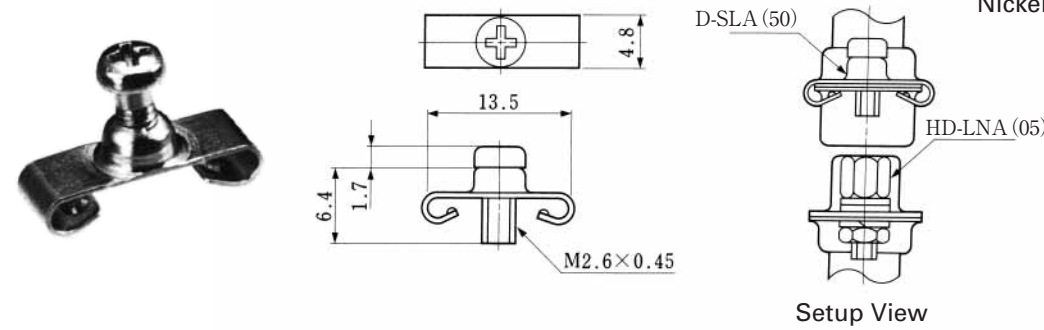
| HRS No          | Part No.   | RoHS |
|-----------------|------------|------|
| CL211-0732-9-05 | D-PLB (05) | YES  |

## 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



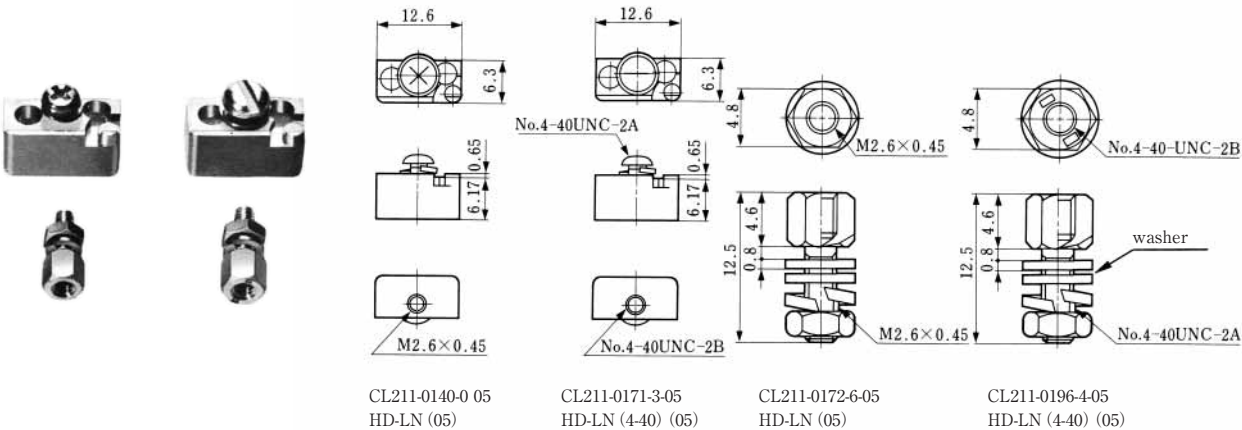
| HRS No          | Part No.   | RoHS |
|-----------------|------------|------|
| CL211-0307-3-50 | D-SLA (50) | YES  |

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

| No. of washers | Applicable panel thickness |
|----------------|----------------------------|
| 0              | 1.6-2.0mm                  |
| 1              | 0.8-1.2mm                  |
| 2              | 0-0.4mm                    |



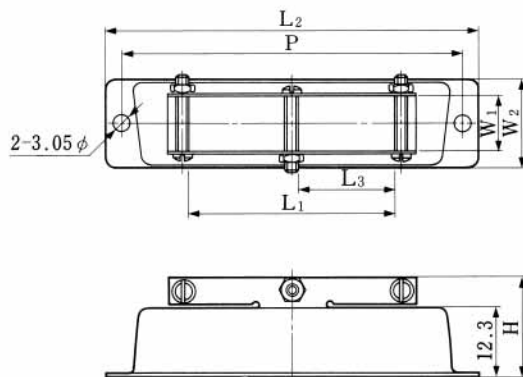
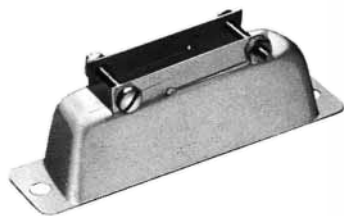
Unit: mm

| HRS No          | Part No.           | RoHS | Applicable panel thickness | No. of washers | Finish               |
|-----------------|--------------------|------|----------------------------|----------------|----------------------|
| CL211-0140-0 05 | HD-LN (05)         | YES  | 1.2mm or less              |                | Nickel plating       |
| CL211-0171-3 05 | HD-LN (4-40) (05)  |      |                            |                |                      |
| CL211-0140-0 08 | HD-LN (08)         |      | 1.2-1.6mm                  |                |                      |
| CL211-0171-3 08 | HD-LN (4-40) (08)  |      |                            |                | Adjust no. of washer |
| CL211-0172-6 05 | HD-LNA (05)        |      | 1.6-2.0mm                  | 0              |                      |
| CL211-0196-4 05 | HD-LNA (4-40) (05) |      | 0.8-1.2mm                  | 1              |                      |
|                 |                    |      | 0-0.4mm                    | 2              |                      |

Material  
Steel or zinc alloy  
Finish  
Nickel plating

SM Series (D SUB) Accessory

Clamp

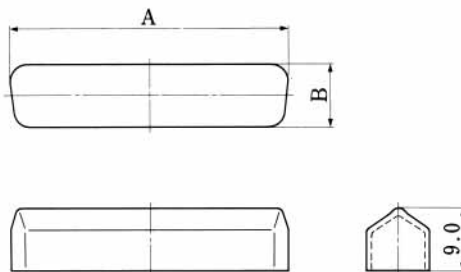


Material  
Steel  
Finish  
Nickel plating

Unit: mm

| HRS No          | Part No.   | L1   | L2   | L3   | P     | W1  | W2   | H (abt.) | RoHS |
|-----------------|------------|------|------|------|-------|-----|------|----------|------|
| CL211-0018-6-50 | HDE-C (50) | 7.3  | 30.6 | —    | 24.99 | 7.5 | 12.7 | 16.3     | YES  |
| CL211-0005-4-50 | HDA-C (50) | 8.0  | 38.9 | —    | 33.32 | 7.5 | 12.7 | 16.3     |      |
| CL211-0011-7-50 | HDB-C (50) | 20.2 | 52.8 | —    | 47.04 | 7.5 | 12.7 | 16.3     |      |
| CL211-0059-3-50 | HDC-C (50) | 37.0 | 69.1 | 17.5 | 63.5  | 7.5 | 12.7 | 16.3     |      |
| CL211-0006-7-50 | HDD-C (50) | 37.0 | 66.7 | 17.5 | 61.11 | 9.9 | 15.5 | 17.6     |      |

Dust cap



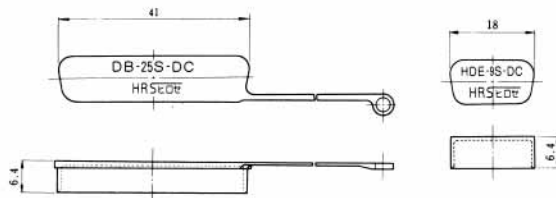
Material  
Vinyl chloride (UL94V-2)  
Finish  
Color: Light blue

|                    | HRS No       | No of pin | Part No.   | A    | B    | RoHS |
|--------------------|--------------|-----------|------------|------|------|------|
| For male connector | CL211-0777-7 | 9         | DE-9P-DC1  | 18.7 | 10.2 | YES  |
|                    | CL211-0778-0 | 15        | DA-15P-DC1 | 27.0 | 10.2 |      |
|                    | CL211-0779-2 | 25        | DB-25P-DC1 | 41.0 | 10.4 |      |
|                    | CL211-0780-1 | 37        | DC-37P-DC1 | 57.7 | 10.6 |      |
|                    | CL211-0781-4 | 50        | DD-50P-DC1 | 55.0 | 13.3 |      |

|                      | HRS No       | No of pin | Part No.   | A    | B    | RoHS |
|----------------------|--------------|-----------|------------|------|------|------|
| For female connector | CL211-0782-7 | 9         | DE-9S-DC1  | 17.4 | 8.8  | YES  |
|                      | CL211-0783-0 | 15        | DA-15S-DC1 | 25.6 | 8.8  |      |
|                      | CL211-0784-2 | 25        | DB-25S-DC1 | 39.3 | 8.8  |      |
|                      | CL211-0785-5 | 37        | DC-37S-DC1 | 55.8 | 8.8  |      |
|                      | CL211-0786-8 | 50        | DD-50S-DC1 | 53.4 | 11.6 |      |

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

Material  
Polyethylene resin  
Finish  
Color: Natural



| HRS No       | Part No.  | RoHS |
|--------------|-----------|------|
| CL211-0162-2 | DB-25S-DC | YES  |

| HRS No       | Part No.  | RoHS |
|--------------|-----------|------|
| CL211-0130-6 | HDE-9S-DC | YES  |