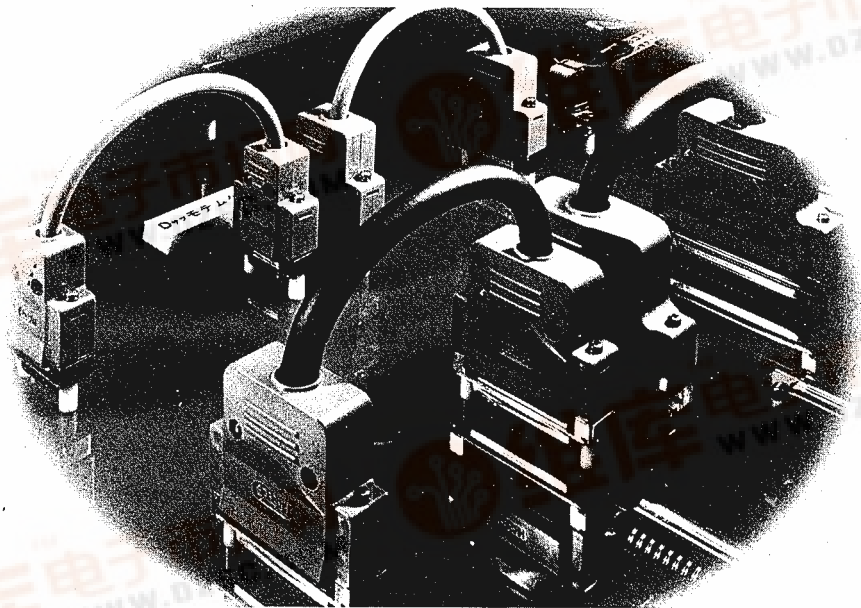


## CTF SERIES PLASTIC D SUBMINIATURE SHELL (ACCESSORIES)

### 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 soldering (HD), ribbon IDC termination (FD), and crimping.

### Applications

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	2.5PB 6/2(color)
Locking device	Steel or zinc alloy die casting	Treatment with dichromate over zinc plating

## Ordering Information

### Plug case

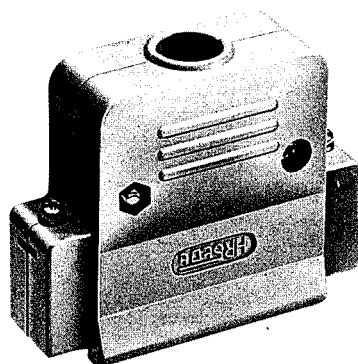
<u>HD</u>	<u>B</u>	—	<u>CT</u>	<u>F</u>	<u>※<sub>1</sub></u>	<u>※<sub>2</sub></u>
(1)	(2)		(3)	(4)	(5)	(8)

### Locking device

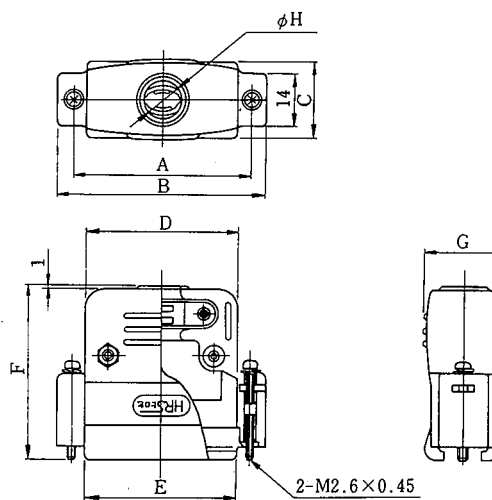
<u>HD</u>	—	<u>LN</u>	<u>A</u>	<u>※<sub>2</sub></u>
(1)		(6)	(7)	(8)

- (1) Connector series
- (2) Connector size: E (9 contacts), A (15 contacts), B (25 contacts), C (37 contacts)
- (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 alphabetic characters.  
No sign: Rectangular  
A: Hexagonal
- (8) Type of screw  
Provided with a sequence of Arabic numerals.  
No sign: M2.6  
(4-40) : inch

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



CL211-0139-0  
HDB-CTF

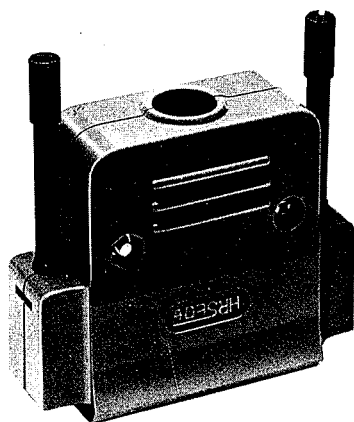


Note: Inch screw (4-40UNC) is also available.

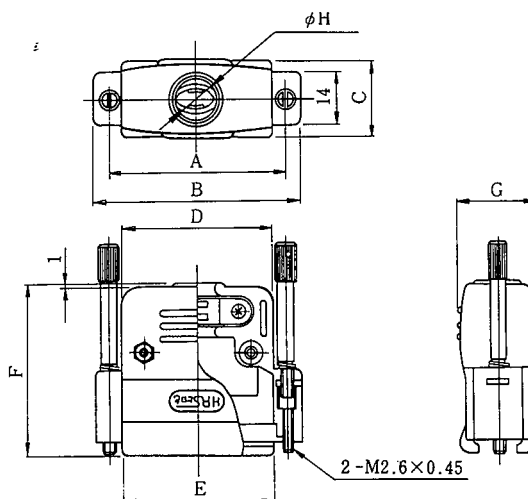
Unit:mm

HRS No.	No. of Pin	Part No.	A	B	C	D	E	F	G	φH
CL211-0159-8	9	HDE-CTF	24.99	33.2	18	19.3	19.2	40.2	19.6	7
CL211-0160-7	15	HDA-CTF	33.32	41.2	18	27.2	27.2	43.2	19.6	9
CL211-0139-0	25	HDB-CTF	47.04	55	20	40	40	46	20.8	10
CL211-0161-0	37	HDC-CTF	63.5	72.2	20	50.2	57	51.2	24	12

## Dataphone Shell (To be locked by hand)



CL211-0166-3  
HDB-CTF1

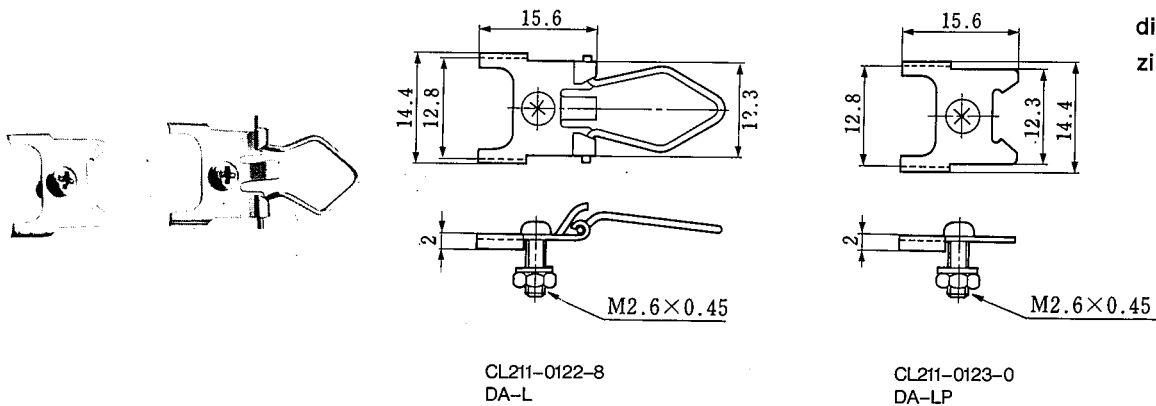


Unit:mm

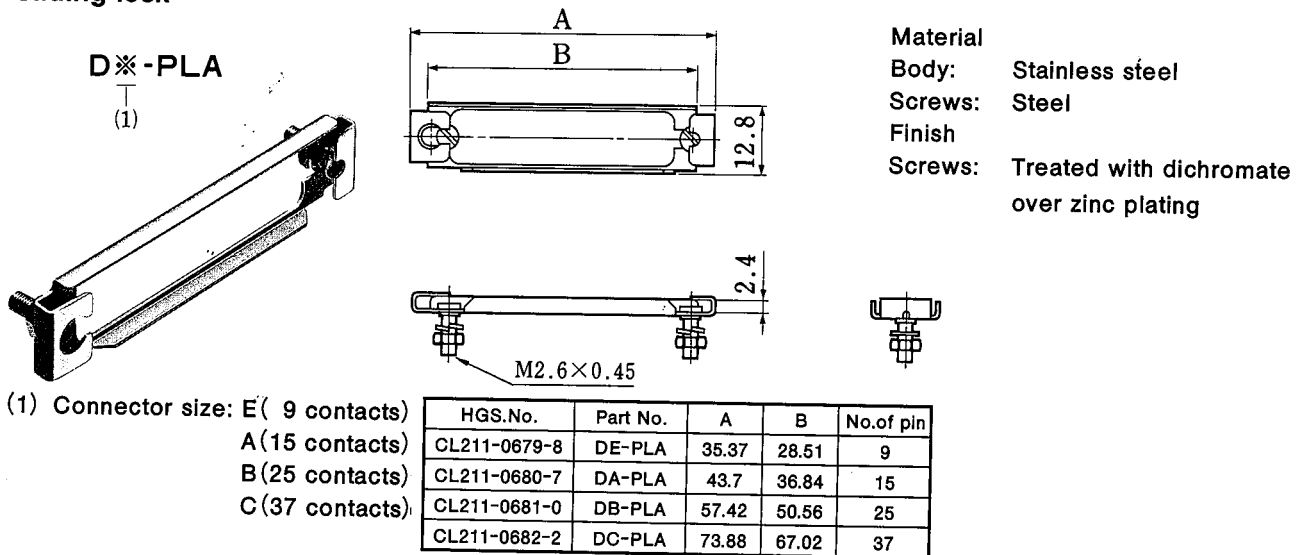
HRS No.	No. of Pin	Part No.	A	B	C	D	E	F	G	φH
* CL211-0168-9	9	HDE-CTF1	24.99	33.2	18	19.2	19.2	40.2	19.6	7
* CL211-0350-2	15	HDA-CTF1	33.32	41.2	18	27.2	27.2	43.2	19.6	9
* CL211-0166-3	25	HDB-CTF1	47.04	55	20	40	40	46	20.8	10
* CL211-0328-3	37	HDC-CTF1	63.5	72.2	20	50.2	57	51.2	24	12

## SM Series (D SUB) Accessory

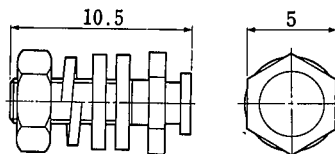
### Spring lock



### Sliding lock

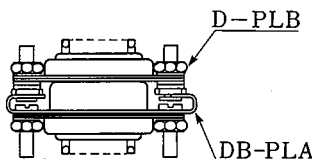


### D-PLB CL211-0732-9



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

#### Setup View



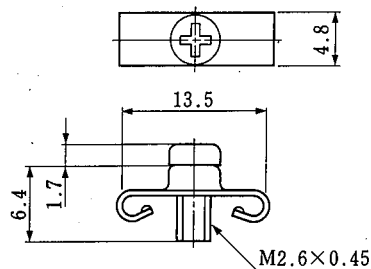
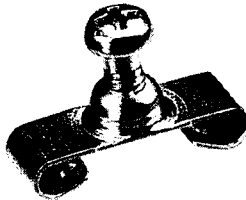
Notes (1) Minimum ordering quantity is one package, which contains two units.

(2) Applicable for any size of our

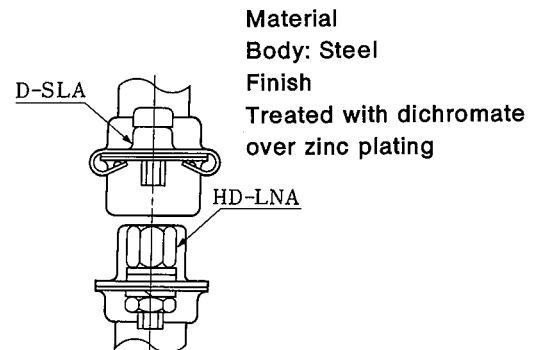
## SM Series (D SUB) Accessory

### Screw lock (for HD-LNA)

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



CL211-0307-3  
D-SLA



Setup View

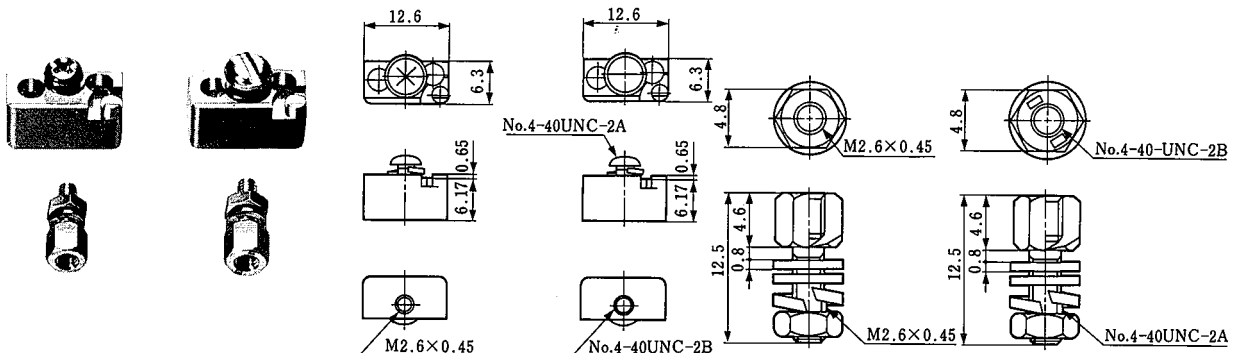
Before mounting the D-SLA, loosen the screw slightly

Note (1) Applicable for 9 to 37 contacts.

(2) Minimum ordering quantity is one package which contains two units.

### Locking device

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



CL211-0140-0-02  
HD-LN(02)

CL211-0171-3-02  
HD-LN(4-40)(02)

CL211-0172-6  
HD-LNA

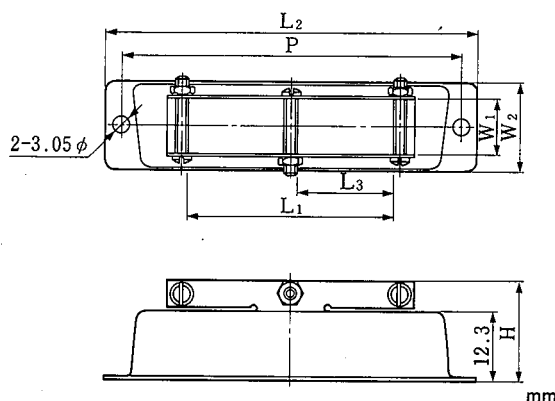
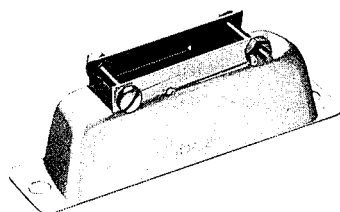
CL211-0196-4  
HD-LNA(4-40)

	Applicable panel thickness	Finish
HD-LN	1.2mm or less	Treated with dichromate over zinc plating
HD-LN(4-40)		Treated with dichromate over zinc plating
HD-LN(02)	1.2-1.6mm	Treated with dichromate over zinc plating
HD-LN(4-40)(02)		Treated with dichromate over zinc plating

Material  
Steel or zinc alloy  
Finish  
Treated with dichromate over zinc plating

## SM Series (D SUB) Accessory

Clamp

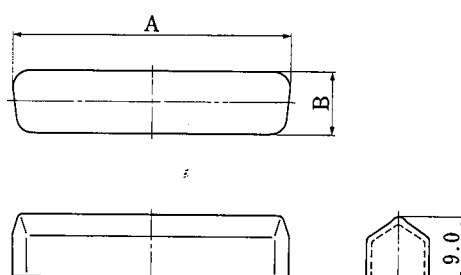
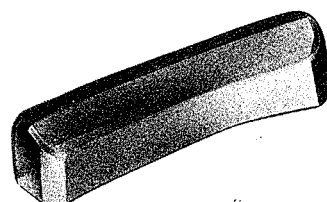


Material  
Steel  
Finish  
Treated with dichromate  
over zinc plating

	HRS No.	Part No.	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	P	W <sub>1</sub>	W <sub>2</sub>	H (reference)
*	CL211-0018-6	HDE-C	7.3	30.6	—	24.99	7.5	12.7	16.3
*	CL211-0005-4	HDA-C	8.0	38.9	—	33.32	7.5	12.7	16.3
*	CL211-0011-7	HDB-C	20.2	52.8	—	47.04	7.5	12.7	16.3
*	CL211-0059-3	HDC-C	37.0	69.1	17.5	63.5	7.5	12.7	16.3
*	CL211-0006-7	HDD-C	37.0	66.7	17.5	61.11	9.9	15.5	17.6

\* standard

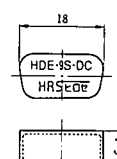
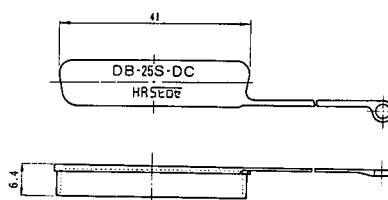
Dust cap



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

For male connector	HRS No.	No. of pin	Part No.	A	B
	CL211-0777-7	9	DE-9P-DC1	18.7	10.2
	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
For female connector	HRS No.	No. of pin	Part No.	A	B
	CL211-0782-7	9	DE-9S-DC1	17.4	8.8
	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

CL211-0162-2  
DB-25S-DC

CL211-0130-6  
HDE-9S-DC