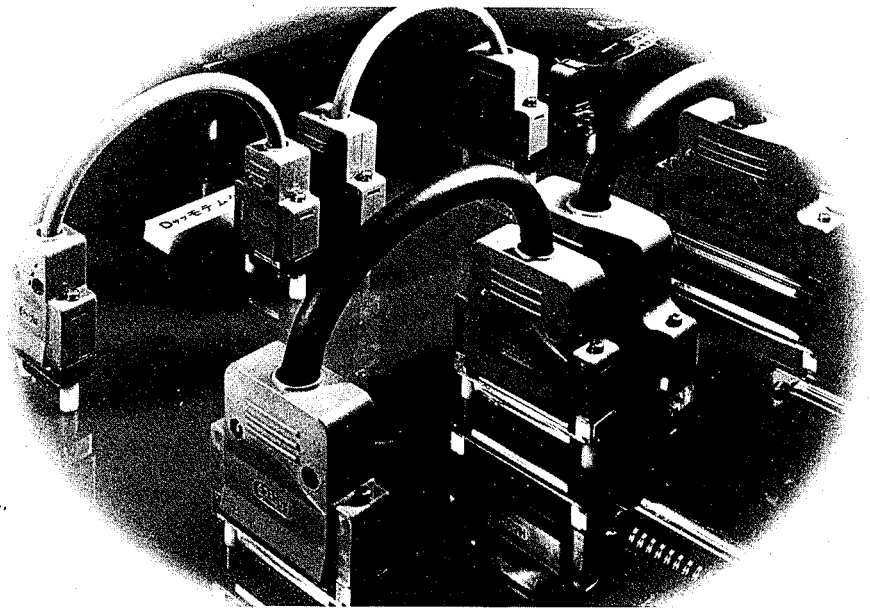
CTF SERIES PLASTIC D SUBMINIATURE SHELL (ACCESSORIES)

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 modem plug case specified in JIS-C-6361.
(6) Can easily incorporate soldering (HD), ribbon IDC termination (FD), and crimping.

Applications

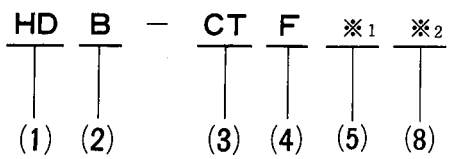
Modems in communications equipment such as computers, peripherals and terminal equipment, control equipment, measuring instruments, and export equipment.

Materials

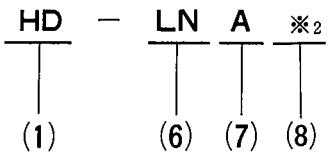
Part	Material	Finish
Plug case	ABS resin	2.5PB 6/2(color)
Locking device	Steel or zinc alloy die casting	Treatment with dichromate over zinc plating

Ordering Information

Plug case

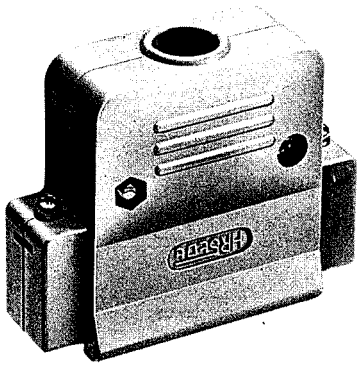


Locking device

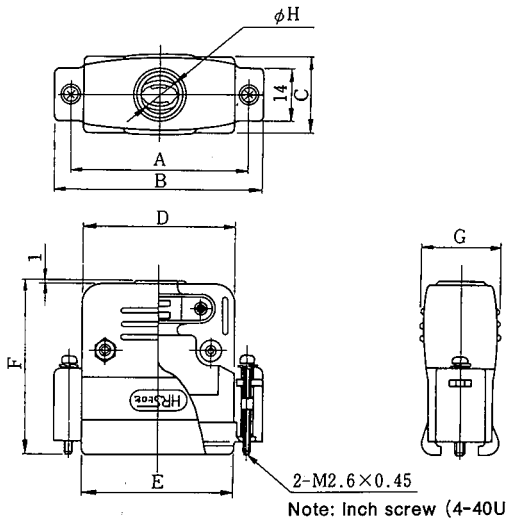


(1) Connector series
(2) Connector size: E (9 contacts), A (15 contacts), B (25 contacts), C (37 contacts)
(3) Type of plug case
CT : Plug case with a vertical cable inlet opening
(4) Serial sign for series
F : Plug case made of plastic
(5) Locking screws
No sign : To be locked with a screwdriver
1 : 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 charactors.
No sign: Rectangular
A: Hexagonal
(8) Type of screw
Provided with a sequence of Arabic numerls.
No sign: M2.6
(4-40) : inch

Dataphone shell (To be locked with a screwdriver)



CL211-0139-0
HDB-CTF

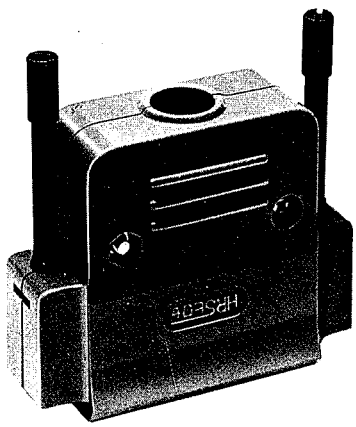


Note: Inch screw (4-40UNC) is also available.

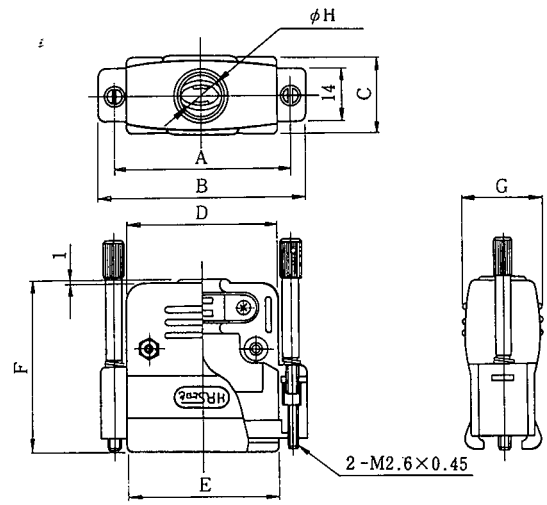
Unit:mm

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

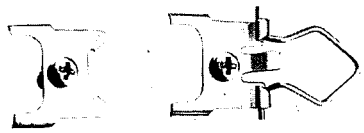
	HRS No.	No.of Pin	Part No.	A	B	C	D	E	F	G	φH
*	CL211-0168-9	9	HDE-CTF1	24.99	33.2	18	19.2	19.2	40.2	19.6	7
*	CL211-0350-2	15	HDA-CTF1	33.32	41.2	18	27.2	27.2	43.2	19.6	9
*	CL211-0166-3	25	HDB-CTF1	47.04	55	20	40	40	46	20.8	10
*	CL211-0328-3	37	HDC-CTF1	63.5	72.2	20	50.2	57	51.2	24	12

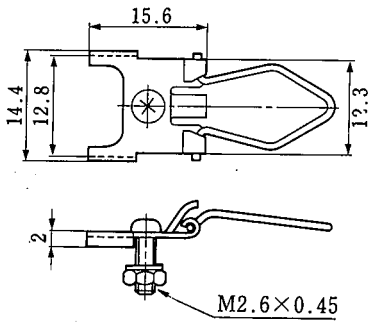
*: Standard

SM Series (D SUB) Accessory

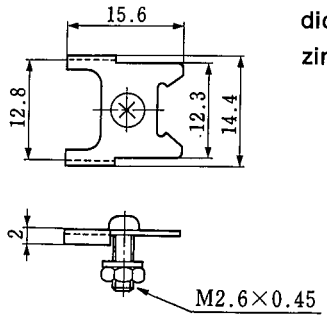
Spring lock

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





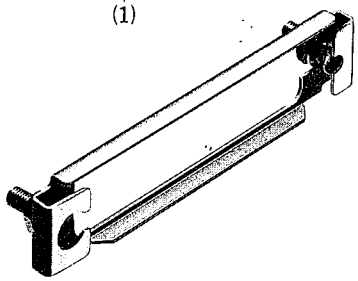
CL211-0122-8
DA-L

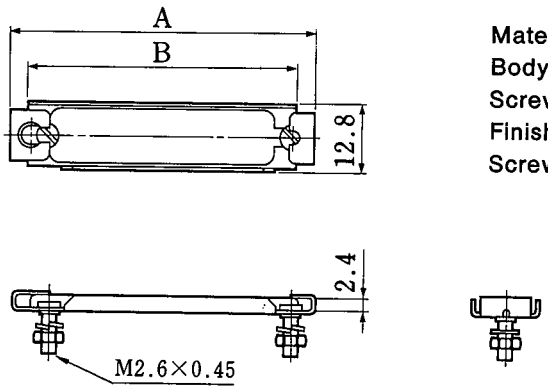


CL211-0123-0
DA-LP

Sliding lock

D※-PLA
(1)





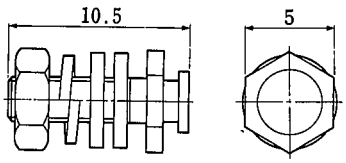
Material
Body: Stainless steel
Screws: Steel
Finish
Screws: Treated with dichromate over zinc plating

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

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

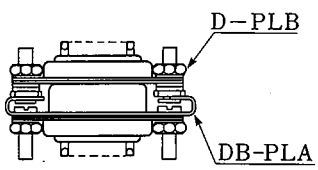
D-PLB
CL211-0732-9





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

Setup View

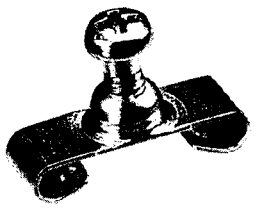


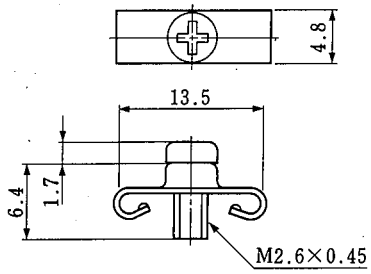
Notes (1) Minimum ordering quantity is one package, which contains two units.
(2) Applicable for any size of our connectors.

SM Series (D SUB) Accessory

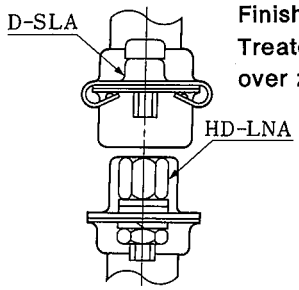
Screw lock (for HD-LNA)

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





CL211-0307-3
D-SLA



Setup View

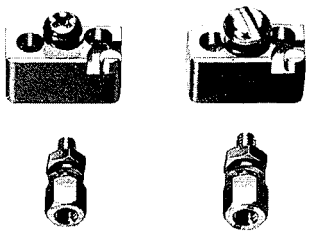
Material
Body: Steel
Finish
Treated with dichromate over zinc plating

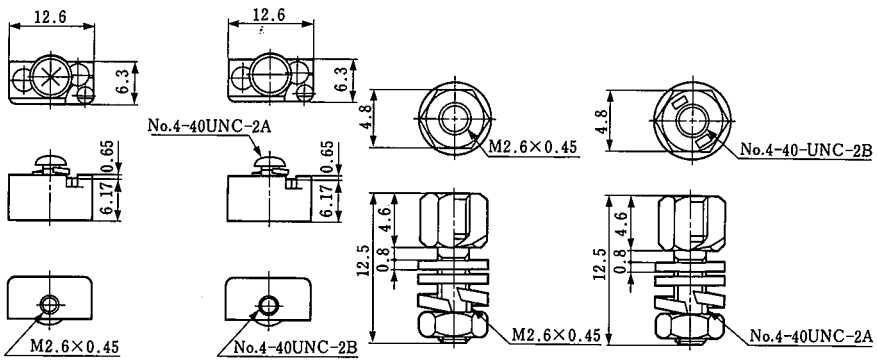
Before mounting the D-SLA, loosen the screw slightly

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

Locking device

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

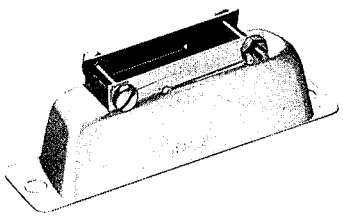
CL211-0196-4
HD-LNA(4-40)

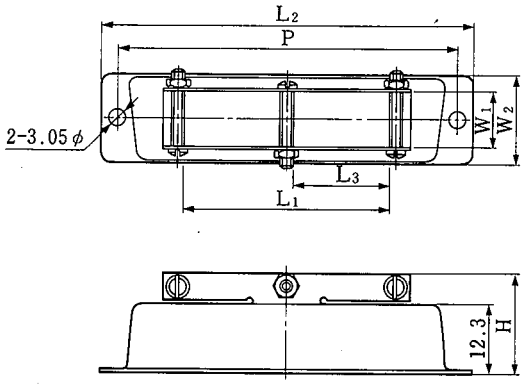
	Applicable panel thickness	Finish
HD-LN	1.2mm or less	Treated with dichromate over zinc plating
HD-LN(4-40)		Treated with dichromate over zinc plating
HD-LN(02)	1.2-1.6mm	Treated with dichromate over zinc plating
HD-LN (4-40) (02)		Treated with dichromate over zinc plating

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

SM Series (D SUB) Accessory

Clamp





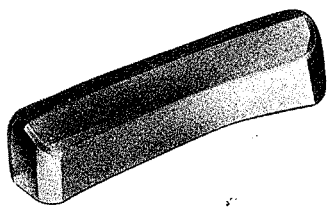
Material
Steel
Finish
Treated with dichromate over zinc plating

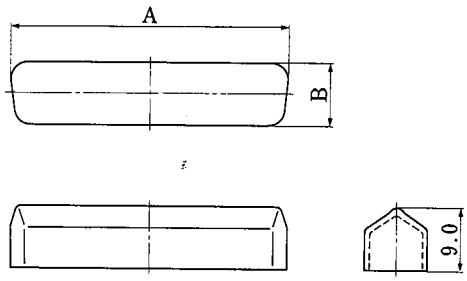
mm

	HRS No.	Part No.	L_1	L_2	L_3	P	W_1	W_2	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



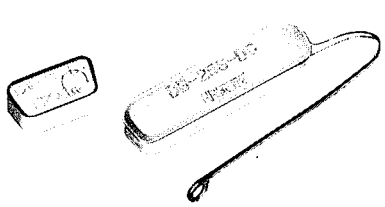


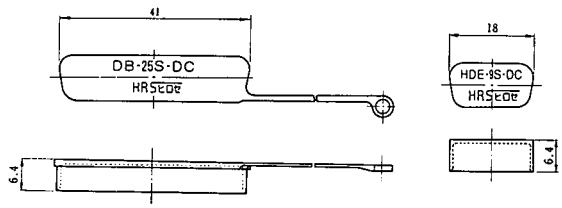
Material
Vinyl chloride (UL94V-2)
Finish
Color: Light blue

	HRS No.	No.of pin	Part No.	A	B
For male connector	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

	HRS No.	No.of pin	Part No.	A	B
For female connector	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)





CL211-0162-2
DB-25S-DC

CL211-0130-6
HDE-9S-DC

Material
Polyethylene resin
Finish
Color: Natural