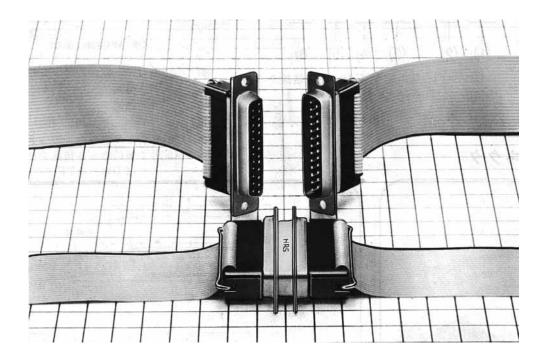
FD TYPE CONNECTOR FOR RIBBON CABLE (1.27-millimeter pitch for standard ribbon cable)

General

The FD Series connectors are designed for ribbon cable IDC termination. Connecting wires are grouped, so the FD Series are useful for labor-saving in connection work and enhancing wiring reliability.

Being compatible with 1.27-mm (standard) ribbon

cables, the FD Series are general-purpose, high-performance connectors that are capable of being interacing with connectors for other types of ribbon cables. 9, 15, 25 and 37-contact models available.



Features

- (1) Compact and sturdy due to metal shell.
- (2) Can be mounted on the front or back of a panel or chasis as necessary.
- (3) Fixes the cable securely by fixing the ribbon cable clamp with a metal plate in the connector.
- (4) Can be easily connected to a standard ribbon cable, having a cable IDC pitch of 1.27mm (standard).
- (5) Easy to connect cables by following the same IDC termination and connecting procedures as those for our other ribbon cable connectors.

Application

Most suitable for modems in communications equipment such as computers, peripherals and terminals,

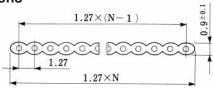
control equipment, and measuring instruments, and export equipment.

Electrical and Environmental

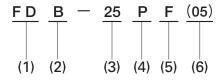
Electrical and Environmental Characteristics		
Current rating	1A	
Voltage rating	200V AC	
Insulation resistance	$1,000 \mathrm{M}\Omega$ min. at $500 \mathrm{V}$ DC	
Contact resistance	25mΩ max. at 100mA DC	
Withstand voltage	650Vr.m.s. AC for 1 minute	

Material and Finish			
Shell	Steel	Nickel plating	
Insulator	PBT (GE Valox)	Black	
Contacts	Copper alloy	Nickel-plating + Gold plating	



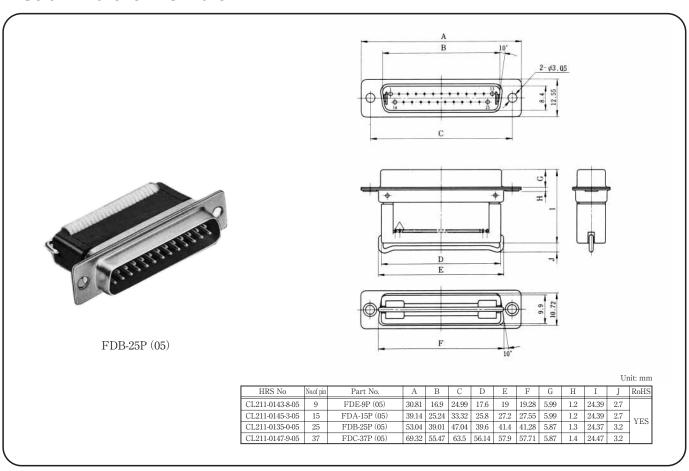


Ordering Informations

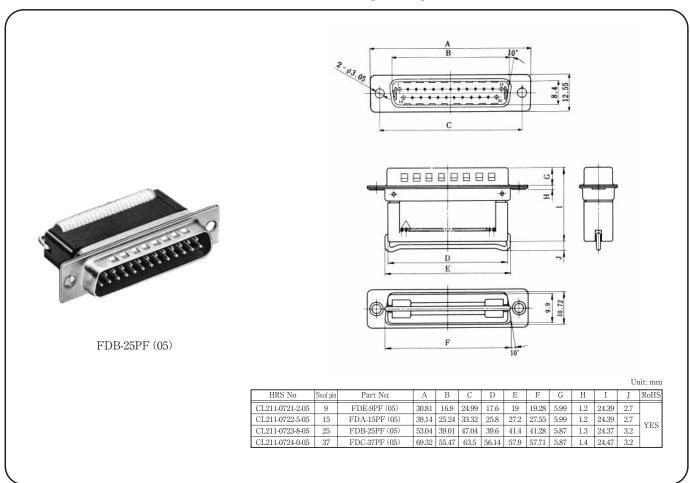


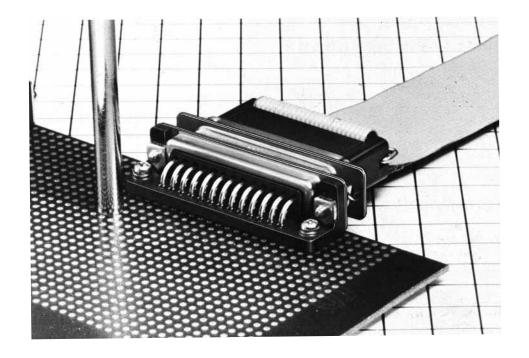
- (1) Series Name FD: Insulation displacement termination
- (2) Shell Size E.A.B.C.
- (3) No. of Pin 9, 15, 25, 37
- (4) Type of contacts
 - P: Male contact
 - S: Female contact
- (5) Shell dimpled (male connector only)
- (6) Specification contents (05): Nickel-plated shell

D Subminiature IDC Male

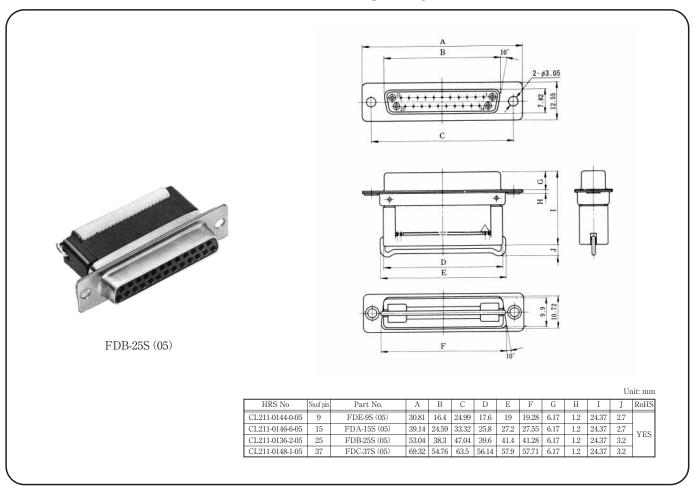


D Subminiature IDC, Male with Grounding Dimples



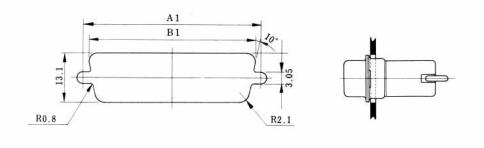


D Subminiature IDC, Male with Grounding Dimples



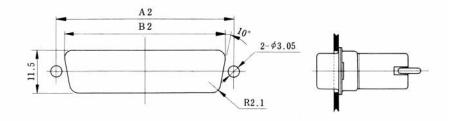
Connector Mounting Method and Mounting Dimensions

▶ Connector mounted on the face of the panel (front mounting)

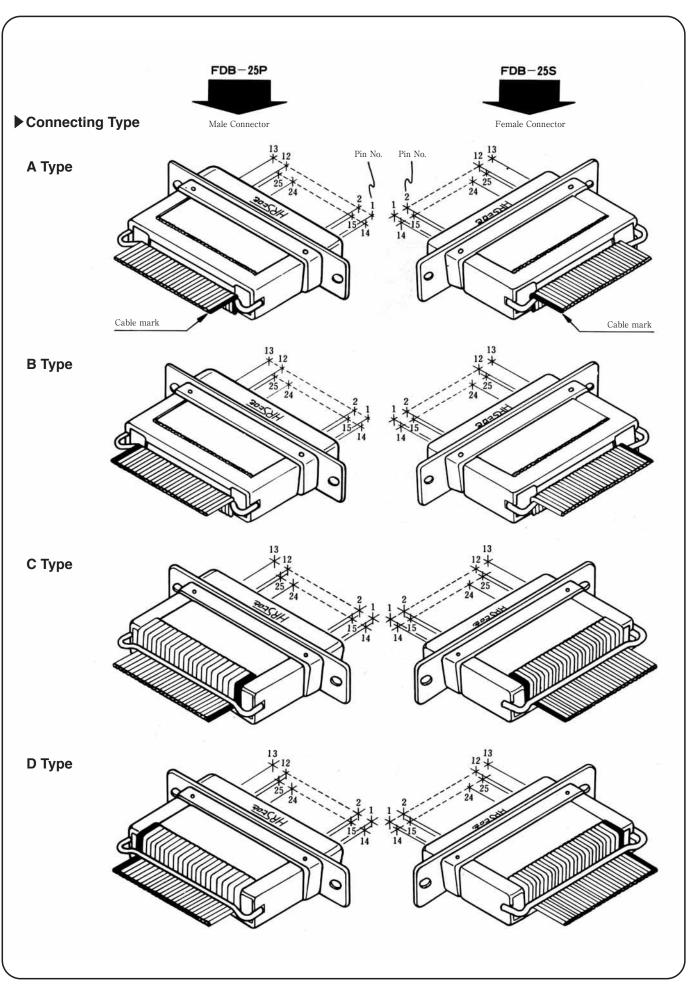


Shell size	A1	B1
E	24.99	22
A	33.32	30.3
В	47.04	44
С	63.5	60.5

Connector mounded on the back of the panel (rear mounting)



	U	nit: mm
Shell size	A2	B2
Е	24.99	20.2
A	33.32	28.6
В	47.04	42.5
С	63.5	59.2



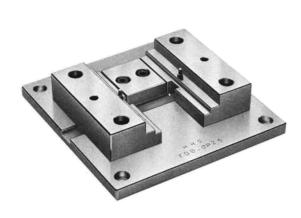
Tools

Hi-Flex Connecting Press



HRS No	Part No.	Height	Width	Depth	Weight
550-0082-2	Hi-Flex connecting press	440mm	160mm	350mm	13kg

Guide Plate



HRS No	Part No.
902-0008-9	FDE-GP
902-0011-3	FDA-GP
902-0005-0	FDB-GP
902-0014-1	FDC-GP

Pressure Blook (For Plug)



HRS No	Part No.
902-0006-3	FDE-P pressure block
902-0009-1	FDA-P pressure block
902-0003-5	FDB-P pressure block
902-0012-6	FDC-P pressure block

Pressure Blook (For Socket)



HRS No	Part No.
902-0007-6	FDE-S pressure block
902-0010-0	FDA-S pressure block
902-0004-8	FDB-S pressure block
902-0013-9	FDC-S pressure block