

0.6mm Pitch Connector with Ground tab

DFAC Series



OUTLINE

DFAC is a 0.6mm pitch board to board connector with ground tab to improve noise countermeasures. This connector is smaller than conventional product, but has high reliability of continuity by twin mating contact.



FEATURES

- Number of Contact : 50 and 70 Contacts
- Mating style : Vertical(Stacking height is 18mm) and Right angle (only 50 contacts)
- Contact Pitch : 0.6mm
- Twin mating contact
- Easy implementation by mount pin
- Improve noise countermeasures by large ground tab
- Automatically mountable by adsorption cap

APPLICATIONS

FA, for board to board connection

SPECIFICATIONS

Rated Voltage	50V AC(r.m.s.)
Rated Current	0.5A / Signal Contact
Dielectric Withstanding Voltage	150V AC (r.m.s.) at 1 minute
Insulation Resistance	100 MΩ min. at 100V DC
Contact Resistance	100 m Ω max. (Initial)
Number of Contact	50 and 70 Contacts
Stacking Height	18mm ※ Vertical connection
Operating temperature range	-55°C~+ 85°C
Operating humidity range	85% Rh max.(However, there must not be dewy.)
Preservation temperature	-55°C~+ 85°C
Preservation humidity	85% Rh max.(However, there must not be dewy.)

※ Regarding the number of contact and connector height, please contact us.

MATERIAL / FINISH



Part name	Material / finish
Housing	LCP Resin (UL94V-0) / Black
Contact	Copper Alloy / Au over Ni Plating
Tab	Ni Plating

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Your catalogue checking the latest specifications with our drawings would be highly appreciated.

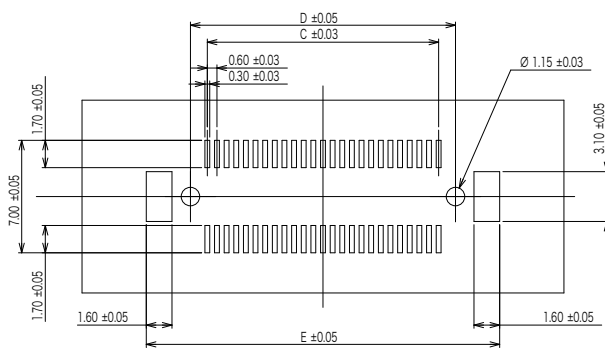
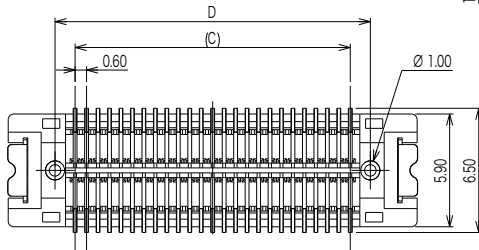
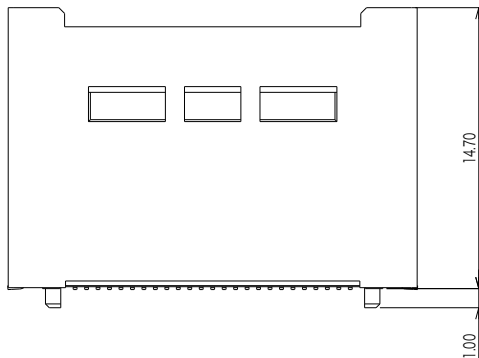
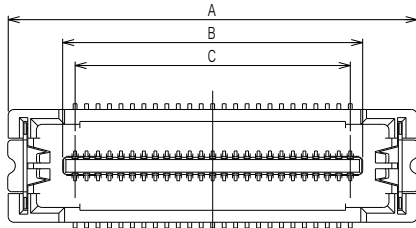
▶ Plug Connector (Vertical type)

DFAC-PBVXXX-147-2B

Number of Contact
050 : 50
070 : 70

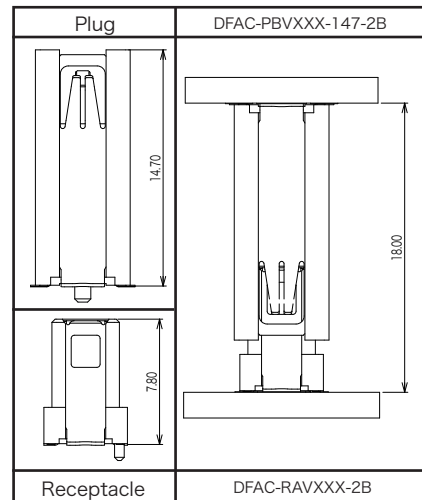
Package Style
B : Emboss tape Packing

Contact Plating
2 : Au(0.3 μ m min.) over Ni plating



Recommended PCB Mounting Dimensions

Mating state



Dimensions

Part Number	Number of Contact	A	B	C	D	E
DFAC-PBV050-147-2B	50	21.4	15.7	14.4	16.5	22.0
DFAC-PBV070-147-2B	70	27.4	21.7	20.4	22.5	28.0

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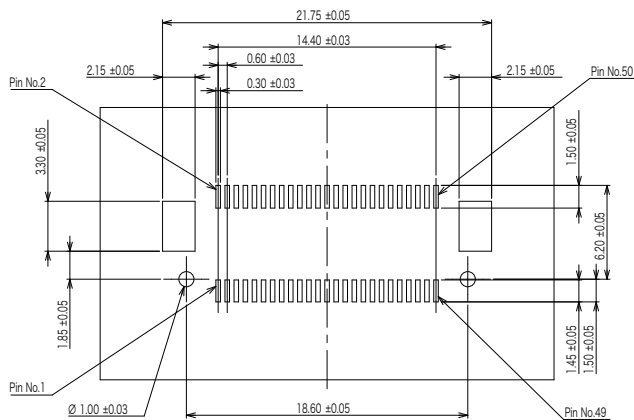
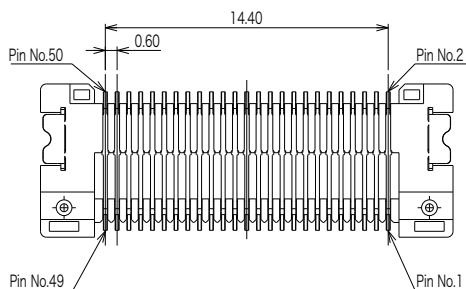
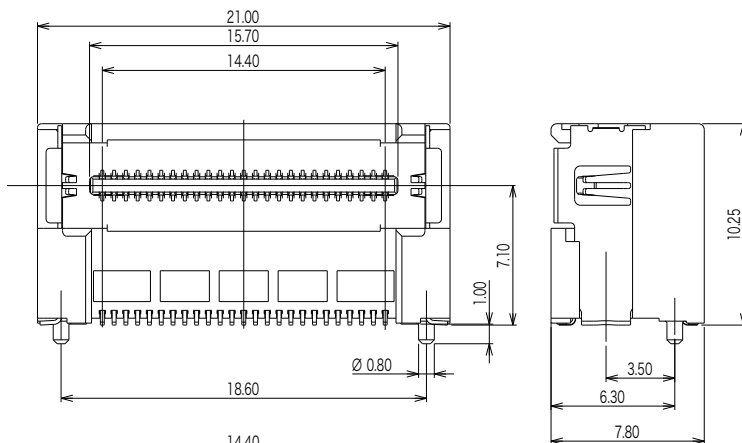
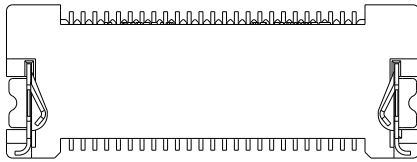
▶ Plug Connector (Right angle type)

DFAC-PBH050-2B

Number of Contact
050 : 50

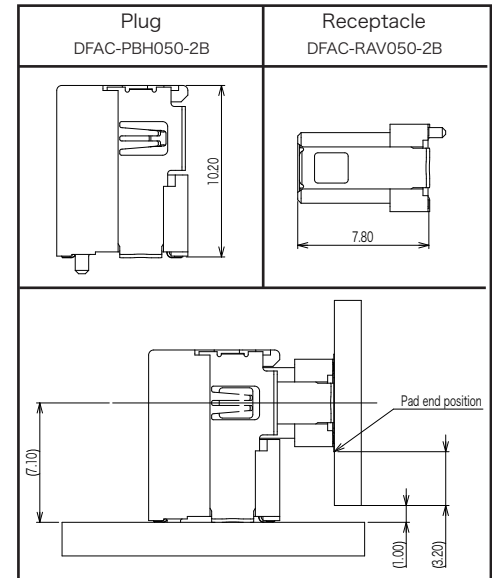
Package Style
B : Emboss tape Packing

Contact Plating
2 : Au(0.3 μm min.) over Ni plating



Recommended PCB Mounting Dimensions

Mating state



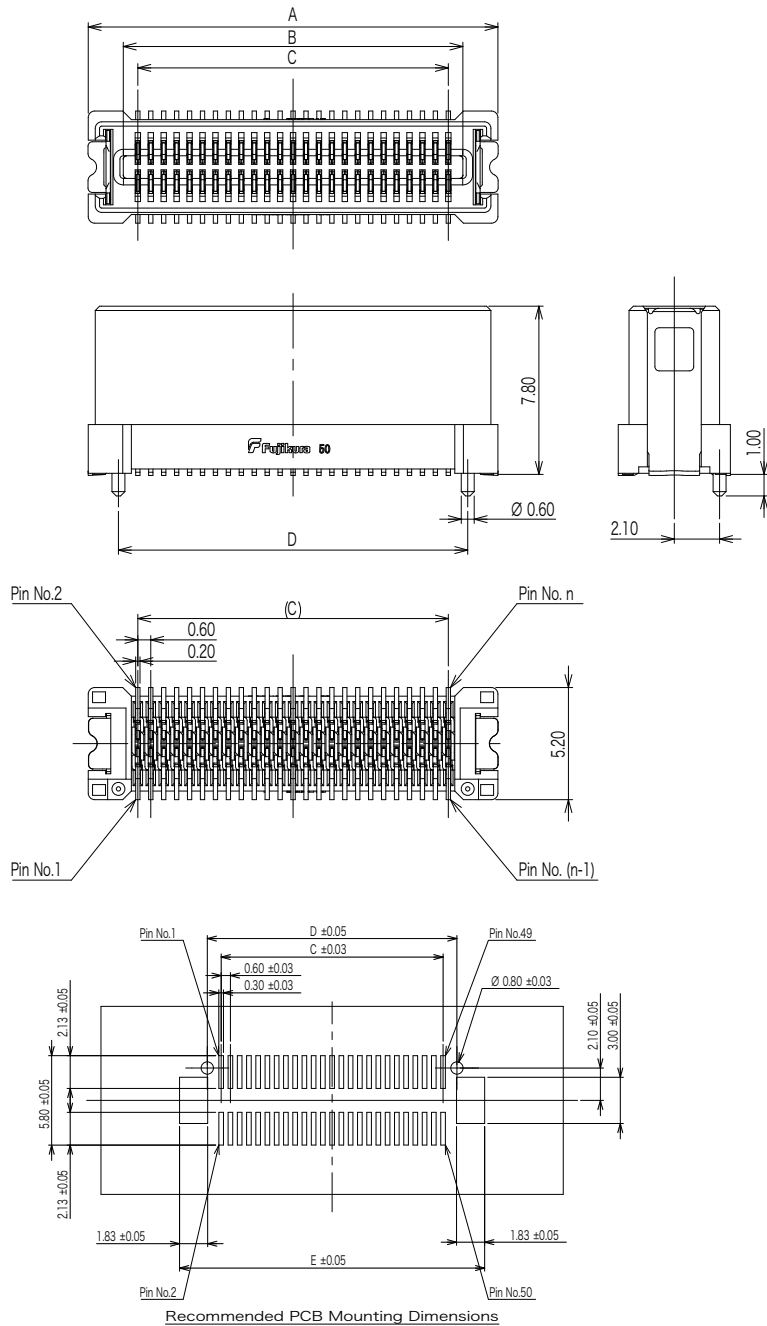
▶ Receptacle Connector

DFAC-RAVXXX-2B

Number of Contact
050 : 50
070 : 70

Package Style
B : Emboss tape Packing

Contact Plating
2 : Au(0.3 μ m min.) over Ni plating



Dimensions

Part Number	Number of Contact	A	B	C	D	E
DFAC-RAV050-2B	50	19.0	15.75	14.4	16.2	19.8
DFAC-RAV070-2B	70	25.0	21.75	20.4	22.2	25.8

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