

0.5mm Pitch Floating Connector

DFAA Series



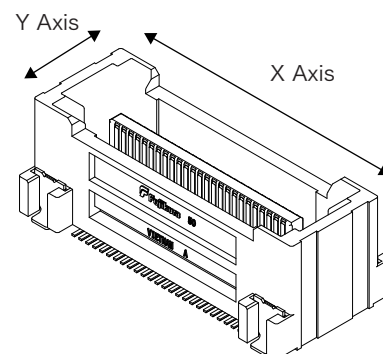
OUTLINE

DFAA is a 0.5mm pitch board to board connector with selectable stacking height 17mm and 20mm. This connector offers the value of x-y float of +/- 0.5mm and effective contact length of 2.0mm.



FEATURES

- Number of Contact : 20 and 60 Contacts
- Stacking Height : 17mm, 20mm
- Contact Pitch : 0.5mm
- Floating Mechanism
 - Y Axis(Short edge) : $\pm 0.5\text{mm}$
 - X Axis(Long edge) : $\pm 0.5\text{mm}$
- Effective contact length 2.0mm
- Solid design to thicken the housing
- Stacking height can be selected by changing plug connector.
- Symmetrical structure for non-directionality in implementation and mating



APPLICATIONS

FA, Plural connectors use for board to board connection

MATERIAL / FINISH



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

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 M Ω min. at 100V DC
Contact Resistance	100 m Ω max. (Initial)
Number of Contact	20 and 60 Contacts
Stacking Height	17mm, 20mm
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.

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

▶ Plug Connector

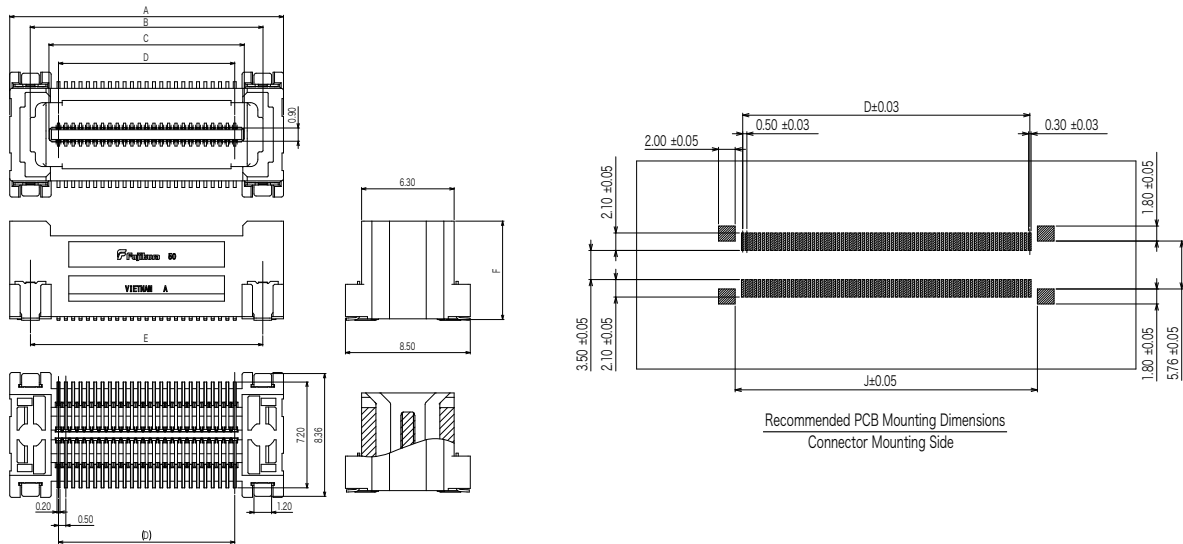
DFAA-PAVXXX-XXX-3A

Number of Contact
020 : 20
060 : 60

Package Style
A : Tray Packing

Contact Plating
3 : Au over Ni Plating

Connector Height



Connector Height

Plug Connector		Receptacle Connector		Stacking Height
Part Number	F	Part Number	G	H
DFAA-PAV020-127-3A	12.7	DFAA-RAV020-3A	9.4	17
DFAA-PAV060-157-3A	15.7	DFAA-RAV060-3A	9.4	20

DFAA Series Stacking Height

Plug	DFAA-PAVXXX-XXX-3A
Receptacle	DFAA-RAVXXX-3A

Dimensions ※ Regarding the number of contact, please contact us.

Part Number	A	B	C	D	E	J
DFAA-PAV020-127-3A	11.14	8.35	5.80	4.50	8.32	6.32
DFAA-PAV060-157-3A	21.14	18.35	15.80	14.50	18.32	16.32

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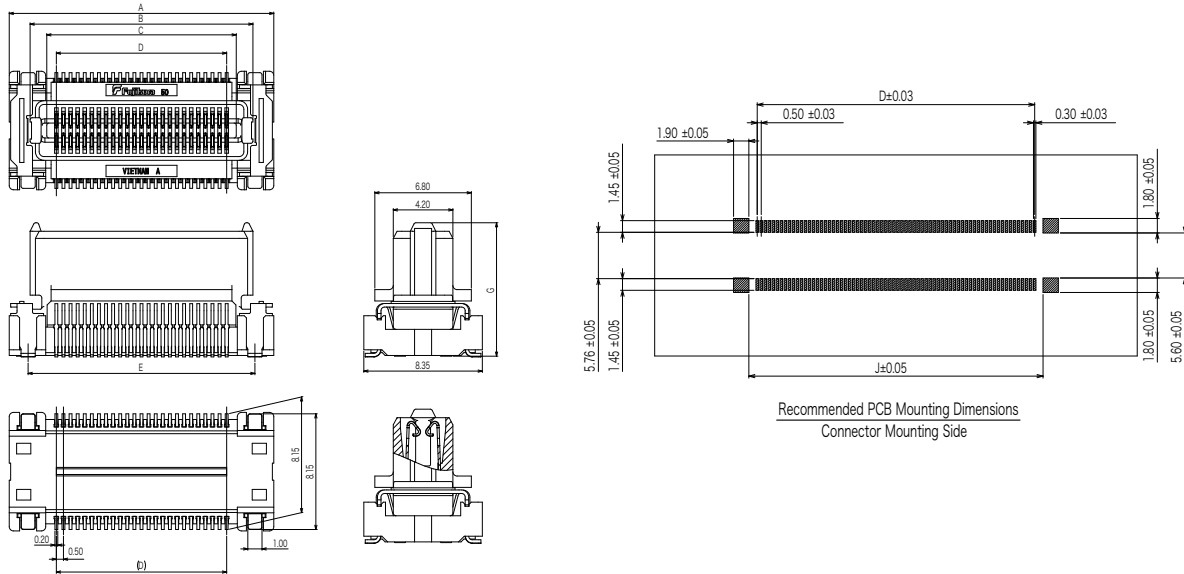
▶ Receptacle Connector

DFAA-RAVXXX-3A

Number of Contact
020 : 20
060 : 60

Package Style
A : Tray Packing

Contact Plating
3 : Au over Ni Plating



Connector Height

Plug Connector		Receptacle Connector		Stacking Height
Part Number	F	Part Number	G	H
DFAA-PAV020-127-XA	12.7	DFAA-RAV020-3A	9.4	17
DFAA-PAV060-157-XA	15.7	DFAA-RAV060-3A	9.4	20

DFAA Series Stacking Height

Plug	DFAA-PAVXXX-XXX-3A
Receptacle	DFAA-RAVXXX-3A

Dimensions ※ Regarding the number of contact, please contact us.

Part Number	A	B	C	D	E	J
DFAA-RAV020-3A	11.14	8.20	5.85	4.50	8.48	6.58
DFAA-RAV060-3A	21.14	18.20	15.85	14.50	18.48	16.58

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