

# 0.6mm Pitch Floating Connector

## DFZ Series



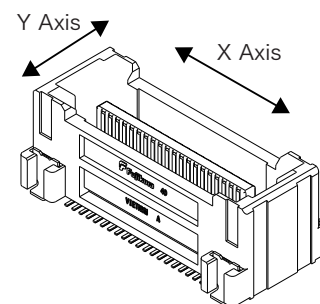
### OUTLINE

DFZ is a 0.6mm pitch board to board connector with selectable stacking height 11mm, 16mm, 20mm and 25mm. This connector offers the value of x-y float of  $\pm 0.5\text{mm}$  and has twin mating contact with effective contact length of 2.0mm and 1.0mm.



### FEATURES

- Number of Contact : 60 and 100 Contacts
- Stacking Height : 11mm, 16mm, 20mm, 25mm
- Contact Pitch : 0.6mm
- Floating Mechanism
  - Y Axis(Short edge) :  $\pm 0.5\text{mm}$
  - X Axis(Long edge) :  $\pm 0.5\text{mm}$
- Mating structure
  - Original twin mating contact
  - effective contact length 2.0mm and 1.0mm
- 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 / Contact
Dielectric Withstanding Voltage	150V AC (r.m.s.) at 1 minute
Insulation Resistance	100 MΩ min. at 100V DC
Contact Resistance	100m Ω max. (Initial)
Number of Contact	60 and 100 Contacts
Stacking Height	11mm, 16mm, 20mm, 25mm
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

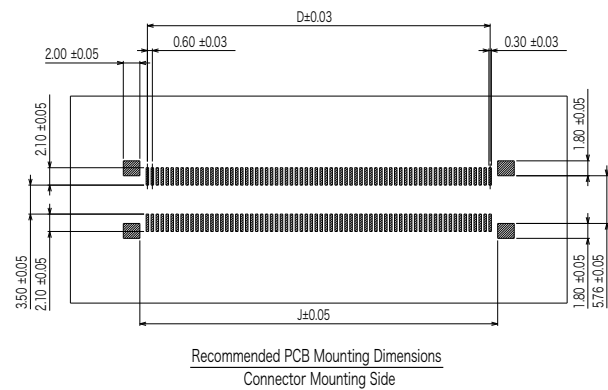
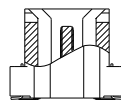
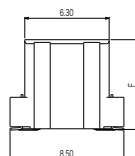
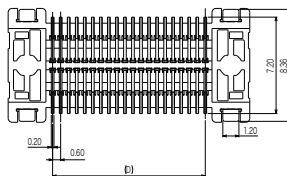
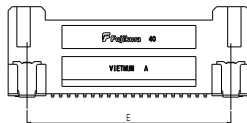
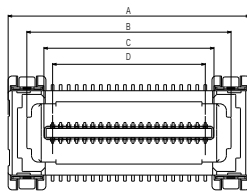
## DFZ-PAVXXX-XXX-3A

Number of Contact  
060 : 60  
100 : 100

Package Style  
A : Tray Packing

Contact Plating  
3 : Au over Ni Plating

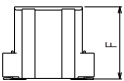
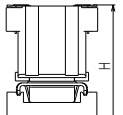
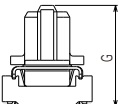
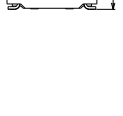
Connector Height



### Connector Height

Plug Connector		Receptacle Connector		Stacking Height
Part Number	F	Part Number	G	H
DFZ-PAV060-67-3A	6.7	DFZ-RAV060-3A	9.4	11
DFZ-PAV060-117-3A	11.7			16
DFZ-PAV100-157-3A	15.7	DFZ-RAV100-3A		20
DFZ-PAV100-207-3A	20.7			25

### DFZ Series Stacking Height

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

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

Part Number	A	B	C	D	E	J
DFZ-PAV060-XXX-3A	24.04	21.25	18.70	17.40	21.22	19.22
DFZ-PAV100-XXX-3A	36.04	33.25	30.70	29.40	33.22	31.22

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<https://www.connector.fujikura.com>

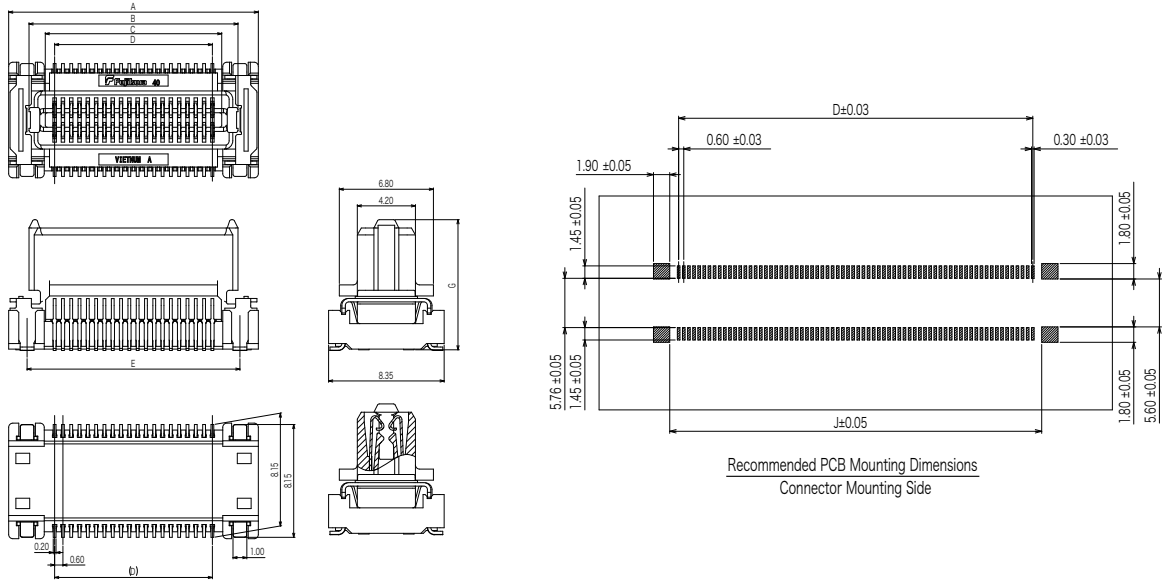
# ▶ Receptacle Connector

## DFZ-RAVXXX-3A

Number of Contact  
060 : 60  
100 : 100

Package Style  
A : Tray Packing

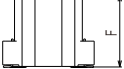
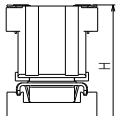
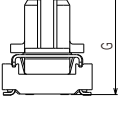
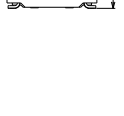
Contact Plating  
3 : Au over Ni Plating



### Connector Height

Plug Connector		Receptacle Connector		Stacking Height
Part Number	F	Part Number	G	H
DFZ-PAV060-67-3A	6.7	DFZ-RAV060-3A	9.4	11
DFZ-PAV060-117-3A	11.7			16
DFZ-PAV100-157-3A	15.7			20
DFZ-PAV100-207-3A	20.7	DFZ-RAV100-3A		25

### DFZ Series Stacking Height

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

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

Part Number	A	B	C	D	E	J
DFZ-RAV060-3A	24.04	21.10	18.75	17.40	21.38	19.48
DFZ-RAV100-3A	36.04	33.10	30.75	29.40	33.38	31.48