

Floating Connector

Floating power to absorb misalignment and create trust

Floating connector provides secure connections and expand connectivity possibilities into the future.

Connector absorbs misalignment during mounting and mating
The main body can move in X and Y directions to absorb mounting and mating misalignment.

Mating method suitable for board configuration is selectable

DT SERIES mating method

Stacked mating

Vertical mating

Horizontal mating

More freedom in design by mounting multiple connectors
The floating structure reduces the load during assembly. The degree of freedom in design and assembly is increased.

Extensive lineup of products that can be selected according to usage

DT-E / DT-E-FS SERIES
Type with power contacts

DT / DT-FS SERIES
High stack type

DT-S SERIES
ESD/EMC measure type with shell

DT12/13 SERIES
High heat resistant type with shell

DT / DT-FS SERIES

0.5 mm Pitch Floating Connector / High Stack Type



For more information on DT:



For more information on DT-FS:



	Pitch	Connection	Number of contacts	Upper temperature limit	Mating method Stacked Vertical Horizontal	
	0.5 mm	BtoB	30-240	105°C		
	Mounting method	Floating amount		Stack height		
	SMT	±0.5 mm	±1.0 mm	8-30 mm		
Effective mating length	Transmission		Other features Power contacts			
	1.5 mm	SATA equivalent				8G bps

DT-E / DT-E-FS SERIES

0.5 mm Pitch Floating Connector with Power Contacts / High Stack Type



For more information on DT-E:



For more information on DT-E-FS:



	Pitch	Connection	Number of contacts	Upper temperature limit	Mating method Stacked	
	0.5 mm	BtoB	30-140	105°C		
	Mounting method	Floating amount		Stack height		
	SMT	±0.7 mm	±1.2 mm	8-30 mm		
Effective mating length	Transmission		Other features Power contacts			
	1.5 mm	SATA equivalent				8G bps

DT12/13 SERIES

0.5 mm Pitch Floating Connector, High Heat Resistant Type



For more information



	Pitch	Connection	Number of contacts	Upper temperature limit	Mating method Stacked
	0.5 mm	BtoB	60	125°C	
	Mounting method	Floating amount		Stack height	
	SMT	±1.0 mm	18 mm		
Effective mating length	Transmission		Other features ESD/EMC		
	1.5 mm	SATA equivalent			

DT-S SERIES

0.5 mm Pitch Floating Connector with Shell



For more information



	Pitch	Connection	Number of contacts	Upper temperature limit	Mating method Stacked Vertical	
	0.5 mm	BtoB	30/40/100	105°C		
	Mounting method	Floating amount		Stack height		
	SMT	±0.5 mm	10 mm			
Effective mating length	Transmission		Other features ESD/EMC			
	1.5 mm	SATA equivalent				8G bps