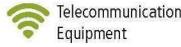


Floating Connector

Equipment to adopt



Connection format

Board to Board
Board to Cable
Cable to Cable

Series Name:

Series name	DT-E / DT-E-FS	DT / DT-FS	DT12/13	DT-S
Product appearance				
Equipment to adopt				
Pitch (mm)	0.5	0.5	0.5	0.5
Number of contacts	30–140	DT: 30–240 DT-FS: 30–140	60	30, 40, 100
Rated current (A)/PIN*1	Signal contact: 0.4 Power contact: 6.0	DT: 0.4 DT-FS: 0.5	0.4*2	0.4
Floating amount (mm) [X and Y directions]	DT-E: ±0.7 DT-E-FS: ±1.2	DT: ±0.5 DT-FS: ±1.0	±1.0*2	±0.5
Operating temperature range (°C)	-40 to +105	-40 to +105	-40 to +125	-40 to +105
Remarks	With power contacts SATA standard equivalent (DT-E) 8 Gbps equivalent (DT-E-FS) Effective mating length: 1.5 mm	SATA standard equivalent (DT) 8 Gbps equivalent (DT-FS) Effective mating length: 1.5 mm Multipole support (DT)	High heat resistant type Effective mating length: 1.5 mm	Type with shell (ESD/EMC measures) SATA standard equivalent Effective mating length: 1.5 mm
DY / DY03/04	DUS	DU	DW	
0.5	0.4	0.4	0.635	
DY: 30–140 DY03/04: 50–140	40–200	80–200	40–60	
DY: 0.4 (when mating straight type) 0.3 (when mating right-angle type) DY03/04: 0.4	0.4	DU: 0.4 DU12: 0.35	0.5	
±0.5	±0.4	±0.4	±0.7	
DY: -40 to +85 DY03/04: -40 to +105	-40 to +125	DU: -40 to +85 DU12: -40 to +105	-40 to +105	
High heat resistant type (DY03/04) Effective mating length: 1.25 mm	High heat resistant type Effective mating length: 0.8 mm Low profile type (stack height: 3 mm) Multipole support	Effective mating length: 1.2 mm*3 Multipole support	Effective mating length: 1.4 mm	