

### Features

- 1 Wide-ranging options to satisfy various customer requirements.  
Straight/Right angle, Single/Dual-row, Gold/Tin Plating etc.
- 2 Center Lock design enables high density mounting and easy operation
- 3 Lock damage prevention design
- 4 Secure mating with clear tactile click prevents incomplete insertion
- 5 High contact reliability with long effective mating length and 2-point contact design
- 6 Accepts Resin Sealing



Positive-Lock



P=2.0mm



Wide Variation

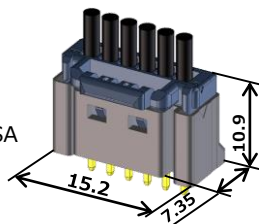
### Dimensions

#### Straight Type

##### Single-row (Ex : 6pos.)

Socket : DF51K-6S-2C

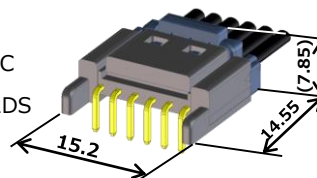
Header : DF51K-6P-2DSA



#### Right Angle Type

Socket : DF51K-6S-2C

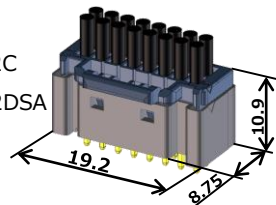
Header : DF51K-6P-2DS



##### Dual-row (Ex : 16pos.)

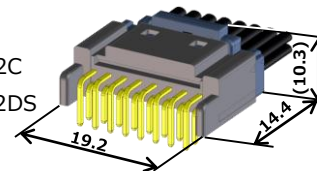
Socket : DF51K-16DS-2C

Header : DF51K-16DP-2DSA



Socket : DF51K-16DS-2C

Header : DF51K-16DP-2DS



### Specifications

Rated Current	22 AWG	24 AWG	26 AWG	28 AWG	30 AWG
	2A	2A	1.5A	1A	0.5A
Rated Voltage	250V AC/DC				
Operating Temperature	-55 to 105°C*				
Contact Resistance	30mΩ Max. (20mV, 1mA)				
Insulation Resistance	1,000MΩ Min. (500V DC)				
Withstanding Voltage	650V AC for 1 min.				
Mating Durability	30 times (Sn) / 50 times (Au)				

\* Including the temperature rise by current flow

- Pin variations : Single-row (2 - 6pos.), Dual-row (4 - 30pos.)
- Applicable cable : 22-30 AWG
- UL/C-UL certified
- RoHS compliant