

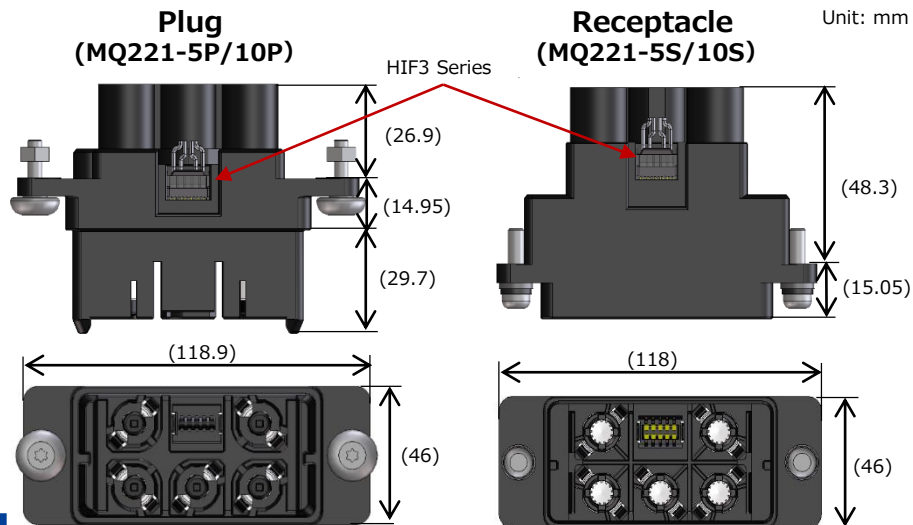


## Features

- 1 Rated current up to 105A (Ambient temperature 25°C)  
5pos. Power (3-phase power source + ground) /  
Signal hybrid plug-in connectors
- 2 Compact design applicable to 3U size
- 3 Floating design allows for mounting-misalignment of  $\pm 2\text{mm}$  in the  
X and Y directions
- 4 Multiple power contact points decrease heat generation due to current flow
- 5 Finger protection design
- 6 Long effective mating length provides sufficient design margin



## Compact Design Applicable to 3U Size



## Specifications

Rated Current	Power Contact	80A (Ambient temperature at 60°C) 105A (Ambient temperature at 25°C)
	Signal Contact	1A
Rated Voltage	Power Contact	600V AC/DC
	Signal Contact	200V AC/DC
Operating Temperature		-40 to +105°C
Contact Resistance	Power Contact	0.5mΩ Max.
	Signal Contact	45mΩ Max.
Insulation Resistance		1000MΩ Min. (500V DC)
Withstand Voltage	Power-Power Power-Signal	5000V AC/DC for 1 min.
	Signal-Signal	1000V AC/DC for 1 min.
Mating Durability		100 times
Applicable Cable		2 AWG / 38mm <sup>2</sup> , 4 AWG / 22mm <sup>2</sup> , 8 AWG / 8mm <sup>2</sup>

\*Includes the temperature rise due to current flow.