

Products in Action

Power Distributor for Humanoid Robot

Application:

Brushless Motor Controller Unit for Humanoid robotics.

Background:

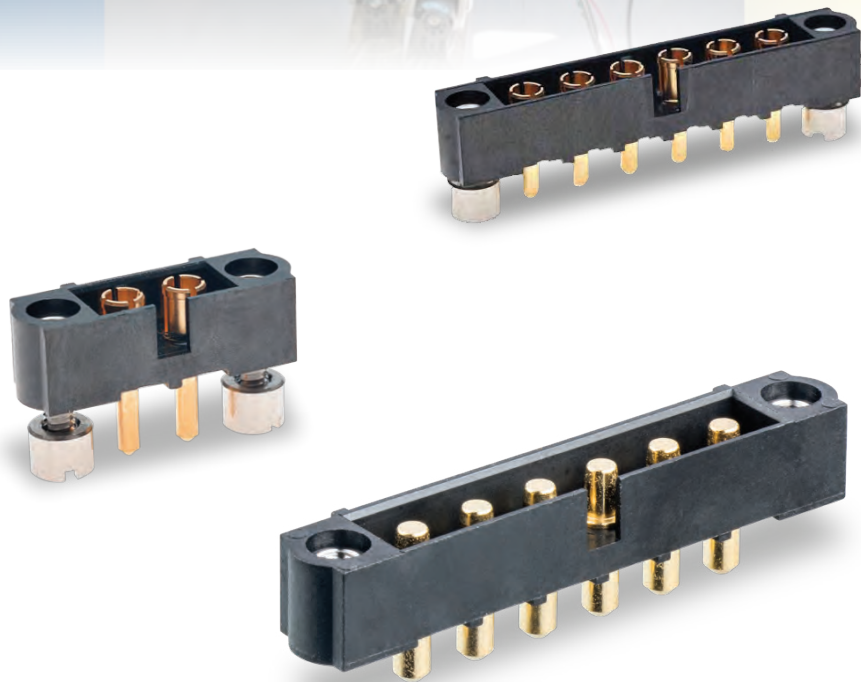
Advanced robotics programme to validate technology for use in several robotics applications including patient rehab, humanoid walking robot and search and rescue.

The Challenge:

Customer required high density combined with high power (up to 80 A peak). Also having mate-before-lock and fast mating/unmating operations was key due to large number of connectors on board.

Harwin Solution:

Customer upgraded the power pins and locking mechanism in second generation design to 6X Datamate high-power connectors.



HARWIN