



PwrMAX[®] Power Connectors

Product Presentation



PwrMAX[®] Power Connectors



What is it?

- PwrMAX[®] is a new product family of very high current density connectors used for distributing power and signal between circuit boards and busbars.
- The PwrMAX[®] family of connectors are some of the highest density power + signal blind-mate connector on the market.

PwrMAX[®] Power Connectors

Configurations



Right Angle Plug



Vertical Receptacle



Right Angle Receptacle



Mezzanine



Orthogonal

PwrMAX[®] Power Connectors



Features

- GCS[™] plating technology
- Industry proven contact design with 10 points of contact
- High temperature thermoplastic housing
- Halogen-free housing
- Coplanar, backplane, mezzanine and orthogonal configurations

Benefits

- Provides very low resistance and low voltage drop
- Provides superior and long term reliability
- Wide operating temperature from -40°C to +125°C
- Meets next generation environmental requirements
- Modular design for both PCB and busbar applications

* For more information, visit www.fci.com/products/pwrmax

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Specifications – Electrical / Mechanical

Mechanical	Mating force	20N/contact
	Durability	200 cycles
Electrical	Contact Resistance	0.3m
	Current Rating	100 amps
Environmental	MFG exposure	10/10 days
	Max. operating temperature	125°C
	Halogen Free	Yes
	RoHS Compliant	Yes

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PwrMAX® Power Connectors



Part Numbers

Description	Mounting Style	Part Numbers
PwrMAX® right angle receptacle 6HP24S	PCB retention pegs	10136993-001LF
PwrMAX® right angle plug 4LP6HP24S	PCB boardlocks	10133137-003lf
PwrMAX® mezzanine vertical receptacle	PCB retention pegs	10137124-001LF
PwrMAX® mezzanine vertical plug	PCB boardlocks	10137125-002LF
PwrMAX® Ortho right angle plug	PCB boardlocks	10132640-001LF
PwrMAX® Ortho right angle receptacle	PCB retention pegs	10132644-002LF
PwrMAX® Ortho vertical receptacle	PCB retention pegs	10133407-002LF

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THANK YOU

