

# **Product Presentation**





### 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.

# FCi

# Configurations



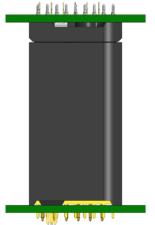
Right Angle Plug



Vertical Receptacle



Right Angle Receptacle











Orthogonal



#### **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

<sup>\*</sup> For more information, visit <a href="https://www.fci.com/products/pwrmax">www.fci.com/products/pwrmax</a>



# 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

<sup>\*</sup> For more information, visit <a href="www.fci.com/products/pwrmax">www.fci.com/products/pwrmax</a>



### **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

<sup>\*</sup> For more information, visit <a href="www.fci.com/products/pwrmax">www.fci.com/products/pwrmax</a>



# **THANK YOU**

