



# 368588-6 Product Details

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## Power Double-Lock Connectors

PDL 6P CAP 3.96 D/R P/M(GWT) B

**368588-6** ✔

TE Internal Number: 368588-6

**Product Highlights** [View All](#)

- Wire-to-Panel, Wire-to-Wire
- Applies To Panel, Applies To Wire/Cable
- Connector
- Housing
- Connector Style = Receptacle

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**Please Note:**  
Use the Product Drawing for all design activity

### Product Type Features

Product Type	Connector
Connector Type	Housing
Wire/Cable Type	Discrete Wire
Sealed	No

### Mechanical Attachment

Mating Retention Type	Latch(ing)
Panel Mount Retention	With
Panel Mount Retention Type	Latch(es)

### Electrical Characteristics

Operating Voltage Reference	AC
Operating Voltage (VAC)	300

### Termination Features

Termination Method to Wire/Cable	Crimp
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### Dimensions

Panel Thickness (mm [in])	0.80 - 2.00 [0.031 - 0.078]
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### Body Features

Wire Type	Stranded
Mating Retention	With

### Contact Features

Contact Type	Tab
Contact Layout	Matrix

### Housing Features

Connector Style	Receptacle
Centerline, Matrix (mm [in])	3.96 x 4.6 [.156 x .181]
Housing Material	PA66
Housing Color	Blue
Mating Alignment	With
Mating Alignment Type	Polarization

### Configuration Features

Number of Positions <sup>?</sup>	6
Number of Rows	2
Number of Double-Lock Plates Required <sup>?</sup>	2

### Industry Standards

RoHS/ELV Compliance <sup>?</sup>	RoHS compliant, ELV compliant
Lead Free Solder Processes <sup>?</sup>	Not relevant for lead free process
RoHS/ELV Compliance History	Always was RoHS compliant
Agency/Standard	CNR, USR
UL File Number	UL 1977, C22.2 No. 182.3
UL Flammability Rating	UL 94V-0

### Environmental

Operating Temperature (°C [°F])	65 [149]
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### Conditions for Usage

Applies To	Panel, Wire/Cable
Glow Wire Rating	Glow Wire
For Use With	Double Lock Plate 177919-1, Plug (GWT): 368576, Contacts: 177916 or 177917

### Operation/Application

Application Use	Wire-to-Panel, Wire-to-Wire
Contact Transmits (Typical Application)	Signal (Data)/Power

### Other

Brand	TE Connectivity
Comment	Double lock plates should certainly be used when mfging. cable assemblies.

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