

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1737080001](#)  
**Status:** **Active**  
**Overview:** PowerPlane Busbar Power Connectors  
**Description:** PowerPlane Low-Profile Bus Bar Receptacle Assembly, Right-Angle, Press Fit, 3.28mm Tail Length, Screw Mount, 3.00mm Bus Bar Thickness  
**Replacement Part Number :** <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17370800111737080011>

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 1737080000-PS-000 \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Packaging Specification 1737080000-PK-000 \(PDF\)](#)

**General**

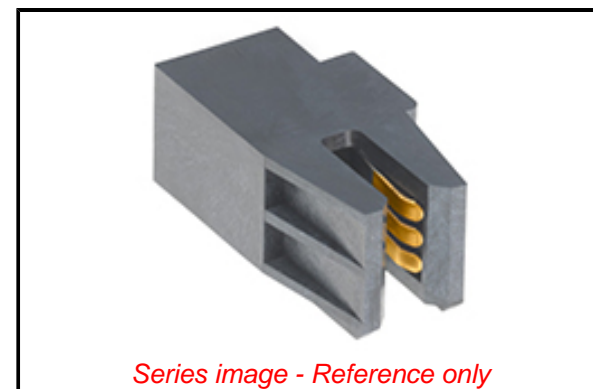
Product Family	PCB Receptacles
Series	<a href="#">173708</a>
Application	Power
Overview	<a href="#">PowerPlane Busbar Power Connectors</a>
Product Name	PowerPlane
Replacement Part Number	<a href="#">1737080011</a>
Replacement Part Number	housing & terminal improvement
UPC	191128050227

**Physical**

Circuits (Loaded)	1
Circuits (maximum)	1
Color - Resin	Black
Durability (mating cycles max)	200
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	4.459/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.28mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	N/A
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	No
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	60.0A
Voltage - Maximum	600V AC



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[173708 Series](#)

**Mates With**

3.00mm Thick Bus Bar Tab

**Use With**

Customer Supplied #2-32 Type AB Self  
Tapping Screw

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	1737080000-PK-000
Product Specification	1737080000-PS-000
Sales Drawing	1737080000-000

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