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Part Number: [1737080006](#)
Status: **Active**
Overview: PowerPlane Busbar Power Connectors
Description: PowerPlane Low-Profile Bus Bar Receptacle Assembly, Right-Angle, Through Hole, 2.84mm Tail Length, Screw Mount, 6.10mm Bus Bar Thickness
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17370800161737080016>

Documents:

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

Agency Certification

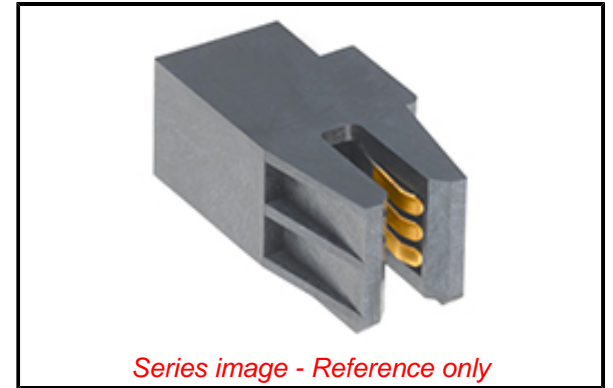
CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [173708](#)
 Application Power
 Overview [PowerPlane Busbar Power Connectors](#)
 Product Name PowerPlane
 Replacement Part Number [1737080016](#)
 Replacement Part Number housing & terminal improvement
 UPC 191128277969

Physical

Circuits (Loaded) 1
 Circuits (maximum) 1
 Color - Resin Black
 Durability (mating cycles max) 200
 Flammability 94V-0
 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 4.813/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 2.84mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.58mm
 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



EU ELV

Not Relevant

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

Not Relevant

Not Contained

Search Parts in this Series

[173708 Series](#)

Mates With

6.10mm Thick Bus Bar Tab

Use With

Customer Supplied #2-32 Type AB Self
 Tapping Screw

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

60.0A

Voltage - Maximum

600V AC

Material Info

Reference - Drawing Numbers

Packaging Specification

1737080000-PK-000

Product Specification

1737080000-PS-000

Sales Drawing

1737080000-000

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[M40B](#) [NLS-N-W-C240-M40B](#) [NPS-3-BL-T6](#) [1986615-1](#) [2-1589900-8](#) [2199314-1](#) [KA8102](#) [9300480317](#) [SBS50BRN#6](#) [29131](#)