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Part Number:

87632-3020

Status:

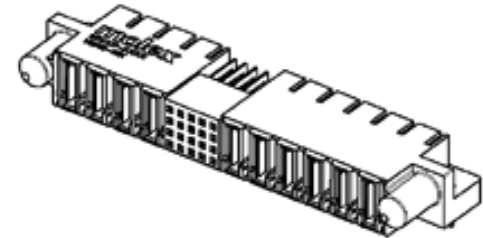
Active

Overview:

EXTreme PowerPlus™ (SSI)

Description:

6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Through Hole, Right Angle, with Beveled Metal Pins, 16 Circuits, Power Beta 2, Signal 12, Power Alpha 2, Lead-Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-87631-006 \(PDF\)](#)
- [Application Specification AS-87631-018 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	87632
Application	Board-to-Board, Power
Comments	No Recessed Power Circuits
Overview	EXTreme PowerPlus™ (SSI)
Product Name	EXTreme PowerPlus™
UPC	822350976084

Physical

(p)ower-(s)ignal Configuration	2p - 12s - 2p
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	15.110/g
Number of Rows	4
Orientation	Right Angle
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 6.35mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

87632Series

Mates With

87631 EXTreme PowerPlus™ P-S-P Header

Electrical

Current - Maximum per Contact	2.5A, 30A, 50A
Voltage - Maximum	250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-87631-018
Product Specification	PS-87631-006
Sales Drawing	SD-87632-013

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