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Part Number:

0876918002

Status:

Obsolete

Overview:

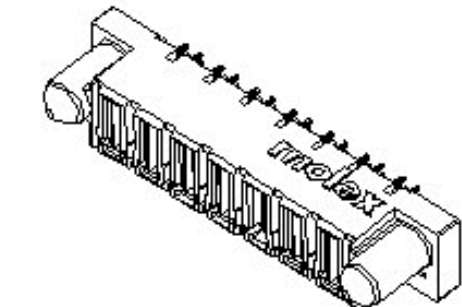
extreme_powerplus_ssi

Description:

6.35mm (.250") Pitch, Power, EXTreme PowerPlus™ All Power Receptacle, Press-fit, Vertical, 5 Circuits, Tin/Lead

Replacement Part Number:

876912002



Series

image - Reference only

Documents:
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980

General

Product Family	PCB Receptacles
Series	87691
Application	Board-to-Board, Power
Comments	Recessed Power Circuit Position: 1, 5
Obsolete Date	2005/06/01
Overview	extreme_powerplus_ssi
Product Name	EXTreme PowerPlus™
Replacement Part Number	876912002

Physical

(p)ower-(s)ignal Configuration	5p - 0s
Circuits (Loaded)	5
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.43mm (.135")
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm (.094")
Packaging Type	Tray
Pitch - Mating Interface	6.35mm (.250")
Plating min - Mating	0.762µm (30µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

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

Solder Process Data

Replacement RoHS Compliant Part Number	0876912002
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Material Info

EU RoHS

Not RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Reviewed

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
87691Series

Mates With
87658 EXTreme PowerPlus™ Header

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