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Part Number:

0876588005

Status:

Obsolete

Overview:

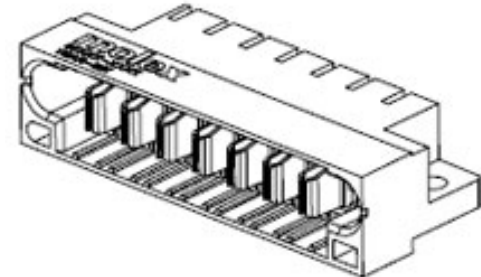
extreme_powerplus_ssi

Description:

6.35mm (.250") Pitch, EXTreme PowerPlus™ Header, All Power, Through Hole, Right Angle, 5 Circuits, with Screw Hole, Tin/Lead

Replacement Part Number:

876583005



Series

image - Reference only

Documents:

[Drawing \(PDF\)](#)

General

Product Family	PCB Headers
Series	87658
Application	Board-to-Board, Power
Obsolete Date	2004/11/01
Overview	extreme_powerplus_ssi
Product Name	EXTreme PowerPlus™
Replacement Part Number	876583005

Physical

(p)ower-(s)ignal Configuration	5p - 0s
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	100
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.43mm (.135")
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tray
Pitch - Mating Interface	6.35mm (.250")
Plating min - Mating	0.762µm (30µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +105°C

Electrical

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

Solder Process Data

Replacement RoHS Compliant Part Number	0876583005
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Material Info

EU RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

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

87658Series

Mates With

87691 EXTreme PowerPlus™ all Power Receptacle

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