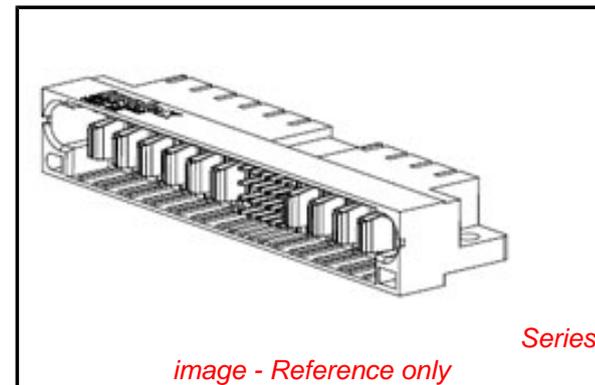


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Part Number: [0876318001](#)
Status: **Obsolete**
Overview: [extreme_powerplus_ssi](#)
Description: 6.35mm (.250") Pitch Power, 2.54mm (.100") Pitch Signal, EXTreme PowerPlus™ P-S-P Header, Through Hole, Right Angle, 30 Circuits, Short Contacts, 6 Power Alpha Contacts, 20 Signal Contacts, 4 Power Beta Contacts, with Recessed Signal Contact Location C2,
Replacement Part Number: [876313001](#)



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

Agency Certification

CSA	LR19980
TUV	R50078473
UL	E29179

General

Product Family	PCB Headers
Series	87631
Application	Board-to-Board, Power
Obsolete Date	2005/05/01
Overview	extreme_powerplus_ssi
Product Name	EXTreme PowerPlus™
Replacement Part Number	876313001

Physical

(p)ower-(s)ignal Configuration	20s - 4p - 6p
Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	4
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	2.54mm (.100")
Plating min - Mating	0.762µm (30µ")
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole

EU RoHS	China RoHS
Not RoHS Compliant	
REACH SVHC	
Contains SVHC: No	
Low-Halogen Status	
Not Reviewed	



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
[87631Series](#)

Mates With
[87633](#) , [87622](#) , [87632](#)

Electrical

Current - Maximum per Contact 2.5A, 30A
Voltage - Maximum 48V

Solder Process Data

Replacement RoHS Compliant Part Number 0876313001

Material Info

This document was generated on 02/22/2011

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