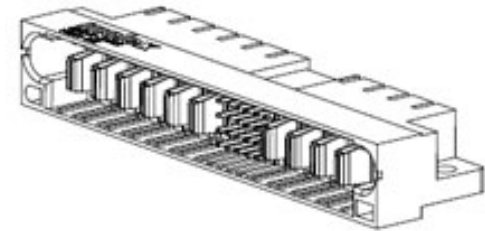


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Part Number: [0876318000](#)
Status: **Obsolete**
Overview: [extreme_powerplus_ssi](#)
Description: 6.35mm (.250") Pitch Power, 2.54mm (.100") Pitch Signal, EXTreme PowerPlus™ P-S-P Header, Through Hole, Right Angle, 32 Circuits, Short Contacts, 3 Power Alpha Contacts, 24 Signal Contacts, 5 Power Beta Contacts, Tin/Lead (Sn/Pb) PC Tail Plating, with Scr



Series

image - Reference only

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

Agency Certification

CSA	LR19980
TUV	R50078473
UL	E29179

General

Product Family	PCB Headers
Series	87631
Application	Board-to-Board, Power
Overview	extreme_powerplus_ssi
Product Name	EXTreme PowerPlus™

Physical

(p)ower-(s)ignal Configuration	24s - 5p - 3p
Breakaway	No
Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
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

Electrical

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

Solder Process Data

EU RoHS **China RoHS**

Not RoHS Compliant
REACH SVHC
Not Reviewed
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](#)

Lead-free Process Capability
Replacement RoHS Compliant Part Number

Wave Capable (TH only)
0876313000

Material Info

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