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Part Number:

0876317003

Status:

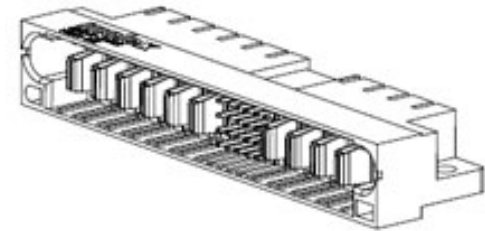
Obsolete

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, 45 Circuits, Long Contacts, 7 Power Alpha Contacts, 32 Signal Contacts, 6 Power Beta Contacts, with Recessed Signal Contact Locations A1,



Series

image - Reference only

Documents:

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	32s - 6p - 7p
Breakaway	No
Circuits (Loaded)	45
Circuits (maximum)	45
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	Yes
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

Lead-free Process Capability	Wave Capable (TH only)
Replacement RoHS Compliant Part Number	0876312003

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
87631Series

Mates With
87633 , 87622 , 87632

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