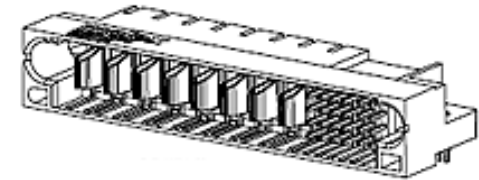


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Part Number: [0876968003](#)
Status: **Obsolete**
Overview: [extreme_powerplus_ssi](#)
Description: 6.35mm (.250") Pitch Power, 2.54mm (.100") Pitch Signal, EXTreme PowerPlus™ Pa-S Header, Through Hole, Right Angle, 31 Circuits, Power Alpha 7, Signal 24, with Beveled Metal Pin, with Recessed Signal, Long Contact, Tin/Lead
Replacement Part Number: [876962003](#)



Series

image - Reference only

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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	87696
Application	Board-to-Board, Power
Comments	Long Contact
Obsolete Date	2005/06/01
Overview	extreme_powerplus_ssi
Product Name	EXTreme PowerPlus™
Replacement Part Number	876962003

Physical

(p)ower-(s)ignal Configuration	24s - 7p
Breakaway	No
Circuits (Loaded)	31
Circuits (maximum)	31
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	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"), 6.35mm (.250")
Plating min - Mating	0.762µm (30µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-20°C to +105°C

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
[87696Series](#)

Mates With
[87697](#) , [87700](#)

Electrical

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

Solder Process Data

Replacement RoHS Compliant Part Number	0876962003
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Material Info

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