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Part Number: [87682-2003](#)
Status: **Active**
Overview: [EXTreme PowerPlus™ \(SSI\)](#)
Description: 6.35mm Pitch EXTreme PowerPlus™ Header, All Power, Press-fit, Right Angle, 4 Circuits, Lead-Free

Documents:

3D Model	Application Specification AS-87631-018 (PDF)
Drawing (PDF)	Application Specification AS-87682-009 (PDF)
Product Specification PS-87680-006 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980

General

Product Family	PCB Headers
Series	87682
Application	Board-to-Board, Power
Overview	EXTreme PowerPlus™ (SSI)
Product Name	EXTreme PowerPlus™
UPC	822348529353

Physical

(p)ower-(s)ignal Configuration	4p - 0s
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.632/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.43mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	6.35mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-20°C to +70°C
Termination Interface: Style	Through Hole - Compliant Pin

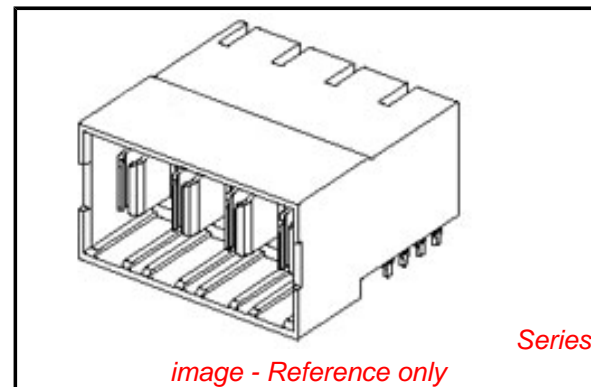


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EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

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

[87682Series](#)

Mates With

[87691 EXTreme PowerPlus™ all Power Receptacle](#)

Electrical

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

Material Info**Reference - Drawing Numbers**

Application Specification AS-87631-018, AS-87682-009
Product Specification PS-87680-006
Sales Drawing SD-87682-011

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