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Part Number:

0876632002

Status:

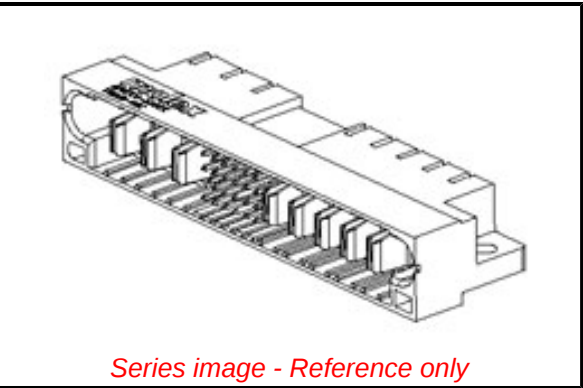
Active

Overview:

EXTreme PowerPlus™ (SSI)

Description:

6.35mm Pitch Power, 7.62mm Pitch Power, 2.54mm Pitch Signal, EXTreme PowerPlus™ P(DC)-S-P(AC) Header, Right Angle, 36 Circuits, Power Alpha 1, Signal 32, Power Beta 3, No Recessed Signal Pins; Void Pins at: A(5,6,8); B(5,6,7,8); C



Documents:

3D Model

Application Specification AS-87631-018-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-87663-006-001 (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	87663
Application	Board-to-Board, Power
Comments	No Recessed Signal PinsVoid Pin Locations at: A5, B5, C5, D5; A6, B6, C6, D6; B7, C7; A8, B8, C8, D8
Overview	EXTreme PowerPlus™ (SSI)
Product Name	EXTreme PowerPlus™
UPC	822350319959
Physical	
(p)ower-(s)ignal Configuration	1p - 32s - 3p
Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	20.848/g
Number of Rows	4
Orientation	Right Angle
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 6.35mm, 7.62mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-20°C to +105°C

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

87663 Series

Mates With

87664 PCB Receptacles

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.5A, 30.0A, 50.0A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-87631-018-001
Product Specification	PS-87663-006-001
Sales Drawing	SD-87663-020

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