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Part Number:

87663-2000

Status:

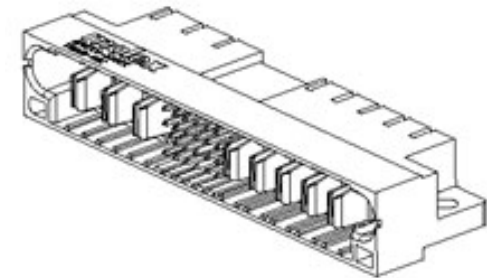
Active

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, 35 Circuits, Power Alpha 12, Signal 30, Power Beta 3, Recessed Signal Pins at A1,A3,C3,D1,D2; No Void Pins



Series

image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87663-006 (PDF)

Application Specification AS-87631-018 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	87663
Application	Board-to-Board, Power
Comments	Recessed Signal Pins at: A1, A3, C3, D1, D2No Void Pins
Overview	EXTreme PowerPlus™ (SSI)
Product Name	EXTreme PowerPlus™
UPC	822348699308
Physical	
(p)ower-(s)ignal Configuration	12p - 20s - 3p
Breakaway	No
Circuits (Loaded)	35
Circuits (maximum)	35
Color - Resin	Black
First Mate / Last Break	Yes
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	47.278/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
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.5A, 30A, 50A

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

87663Series

Mates With

87664 PCB Receptacles

Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260
Material Info	
Old Part Number	87663-5000
Reference - Drawing Numbers	
Application Specification	AS-87631-018
Product Specification	PS-87663-006
Sales Drawing	SD-87663-020

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