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Part Number:

87695-1001

Status:

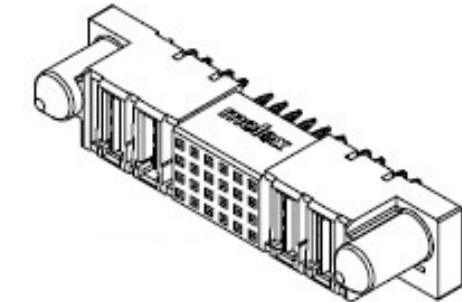
Active

Overview:

EXTreme PowerPlus™ (SSI)

Description:

6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ (SSI) DPS Receptacle, Press-fit, Vertical, No Recessed Pins, 0.76µm Gold (Au) Plating, 26 Circuits, Lead-Free



Series

image - Reference only

Documents:

- 3D Model

Application Specification AS-87633-007 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-87695-006 (PDF)

Product Literature (PDF)
- Application Specification AS-87631-018 (PDF)

General

Product Family	PCB Receptacles
Series	87695
Application	Board-to-Board, Power
Overview	EXTreme PowerPlus™ (SSI)
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™
UPC	822348572939

Physical

(p)ower-(s)ignal Configuration	1p - 24s - 1p
Circuits (Loaded)	26
Circuits (maximum)	26
Color - Resin	Black
Durability (mating cycles max)	100
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.264/g
Number of Rows	4
Orientation	Vertical
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 6.35mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +70°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	2.5A, 30A
Voltage - Maximum	48V

Material Info

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

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

87695Series

Mates With

87606 EXTreme PowerPlus™ (SSI) DPS
Header

Reference - Drawing Numbers

Application Specification	AS-87631-018, AS-87633-007
Product Specification	PS-87695-006
Sales Drawing	SD-87695-011

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