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Part Number:

87805-9001

Status:

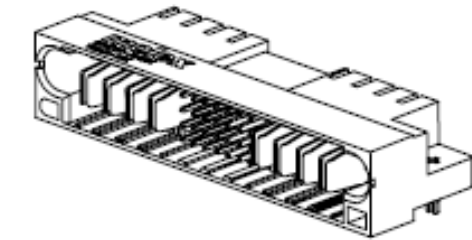
Active

Overview:

EXTreme PowerPlus™ (SSI)

Description:

5.08mm Pitch Power, 2.54mm Pitch Signal, 5.08mm Pitch Power, EXTreme PowerPlus™ P(A)-S-P(B) Header, Through Hole, Right Angle, 20 Circuits, Power Alpha 4, Signal 12, Power Beta 4, Recessed Signal Pin at C2, Beveled Metal Pins



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-87805-006 \(PDF\)](#)
- [Application Specification AS-87631-018 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

87805

Board-to-Board, Power

Recessed Signal Pin Location at: C2

EXTreme PowerPlus™ (SSI)

EXTreme PowerPlus™

822350711326

Physical

(p)ower-(s)ignal Configuration

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

4p - 12s - 4p

No

20

20

Black

100

Yes

94V-0

No

Yes

Yes

Copper Alloy

Gold

Tin

High Temperature Thermoplastic

27.564/g

4

Right Angle

3.43mm

No

Yes

Tray

2.54mm, 5.08mm

0.762µm

2.540µm

Yes

Yes

Fully

No

-20°C to +105°C

Through Hole

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

87805Series

Electrical

Current - Maximum per Contact	2.5A, 30A
Voltage - Maximum	250V (RMS)

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

Reference - Drawing Numbers

Application Specification	AS-87631-018
Product Specification	PS-87805-006
Sales Drawing	SD-87805-001

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