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Part Number:

0877348002

Status:

Obsolete

Overview:

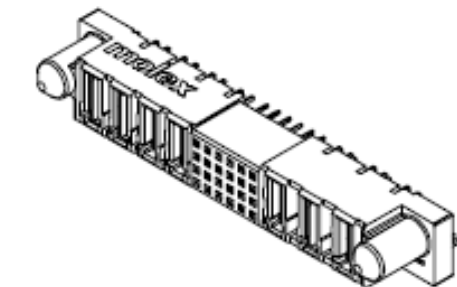
extreme\_powerplus\_ssi

Description:

6.35mm (.250") Pitch, Power, 2.54mm (.100") Pitch, Signal, EXTreme PowerPlus™ AC/DC Receptacle, Through Hole, Vertical, 0.76µm (30µ") Gold (Au), 31 Circuits, Tin/Lead

Replacement Part Number:

877343002



Series

image - Reference only

Documents:

[Drawing \(PDF\)](#)

General

|                         |                                               |
|-------------------------|-----------------------------------------------|
| Product Family          | PCB Receptacles                               |
| Series                  | 87734                                         |
| Application             | Board-to-Board, Power                         |
| Comments                | Recess Power Circuit Position: A1, A3, B1, B2 |
| Obsolete Date           | 2005/06/01                                    |
| Overview                | extreme_powerplus_ssi                         |
| Product Name            | EXTreme PowerPlus™                            |
| Replacement Part Number | 877343002                                     |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| (p)ower-(s)ignal Configuration | 4p - 24s - 3p                  |
| Circuits (Loaded)              | 31                             |
| Durability (mating cycles max) | 100                            |
| Glow-Wire Compliant            | No                             |
| Lock to Mating Part            | None                           |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin-Lead                       |
| Number of Rows                 | 4                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 3.43mm (.135")                 |
| PCB Locator                    | Yes                            |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 2.40mm (.094")                 |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 2.54mm (.100"), 6.35mm (.250") |
| Pitch - Termination Interface  | 2.54mm (.100"), 3.18mm (.125") |
| Plating min - Mating           | 0.762µm (30µ")                 |
| 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   | Surface Mount                  |

Electrical

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

Solder Process Data

|                                        |            |
|----------------------------------------|------------|
| Replacement RoHS Compliant Part Number | 0877343002 |
|----------------------------------------|------------|

Material Info

EU RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

50

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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

87734Series

Mates With

87663 PCB Header with Beveled Metal Pins

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