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Part Number:

0878763001

Status:

Active

Overview:

extreme_powerplus_ssi

Description:

5.08mm (.200") Pitch, Power, 2.54mm (.100") Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Press-fit, Vertical, 36 Circuits, Power Beta 4, Signal 28, Power Alpha 4, No Recessed Power Circuit, with Guide Post, Leadfree

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87633-006 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Overview

Product Name

PCB Receptacles

87876

Board-to-Board

No Recessed Power Circuit

extreme_powerplus_ssi

EXTreme PowerPlus™

Physical

Circuits (Loaded)

Circuits Detail

Color - Resin

Durability (mating cycles max)

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

36

Power Alpha 4, Signal 28, Power Beta 4

Black

100

No

Yes

Yes

Copper Alloy

Gold

Tin

High Temperature Thermoplastic

4

Vertical

0.135 In

3.43 mm

No

Yes

0.092 In

2.34 mm

Tray

0.100 In, 0.175 In, 0.200 In

2.54 mm, 4.44 mm, 5.08 mm

30

0.76

100

2.54

Yes

Yes

-20°C to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Voltage - Maximum

2.5A, 50A

250V DC

Material Info

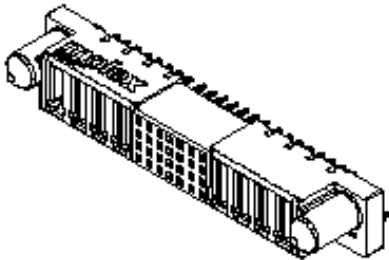


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Halogen-Free

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

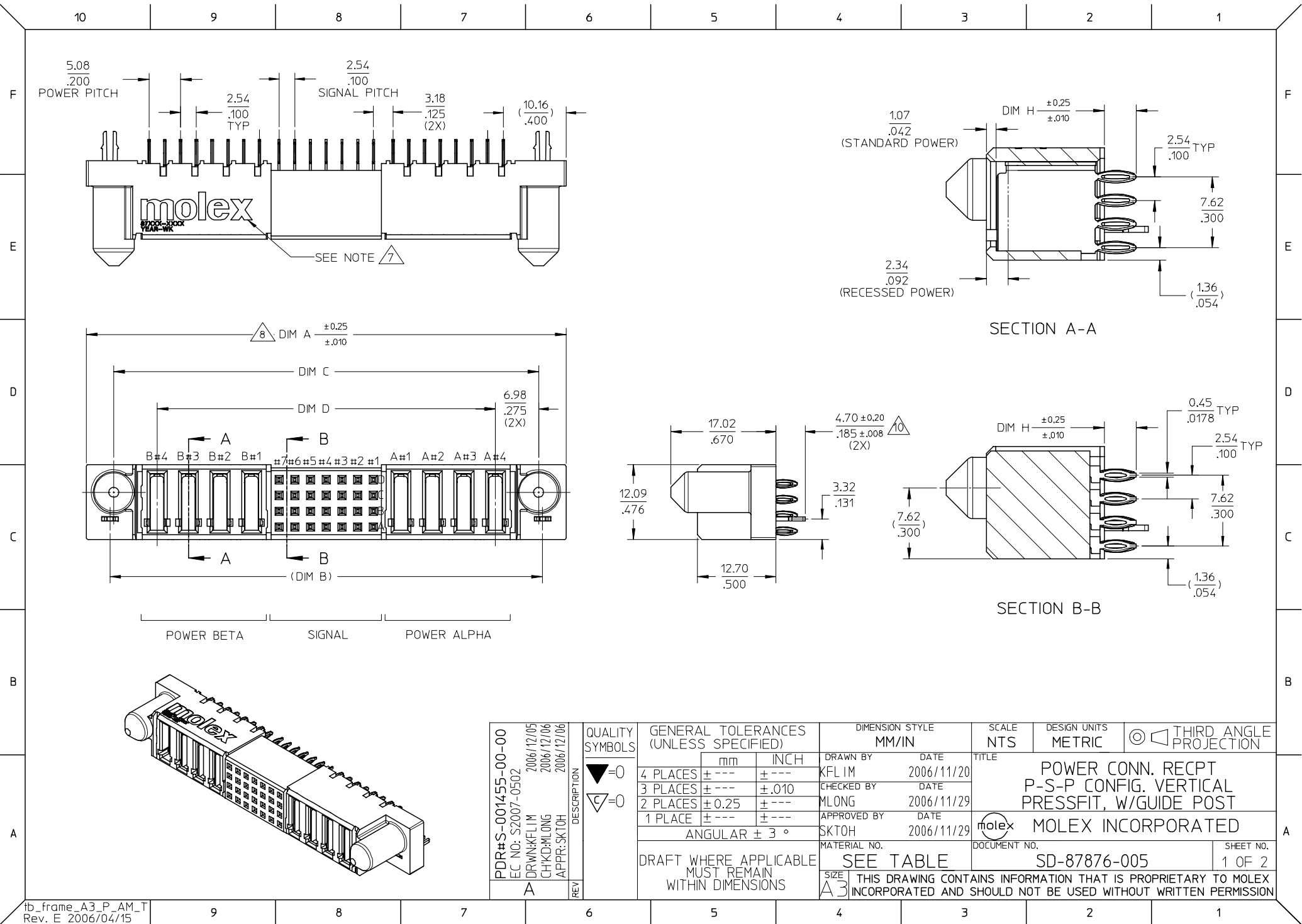
87876Series

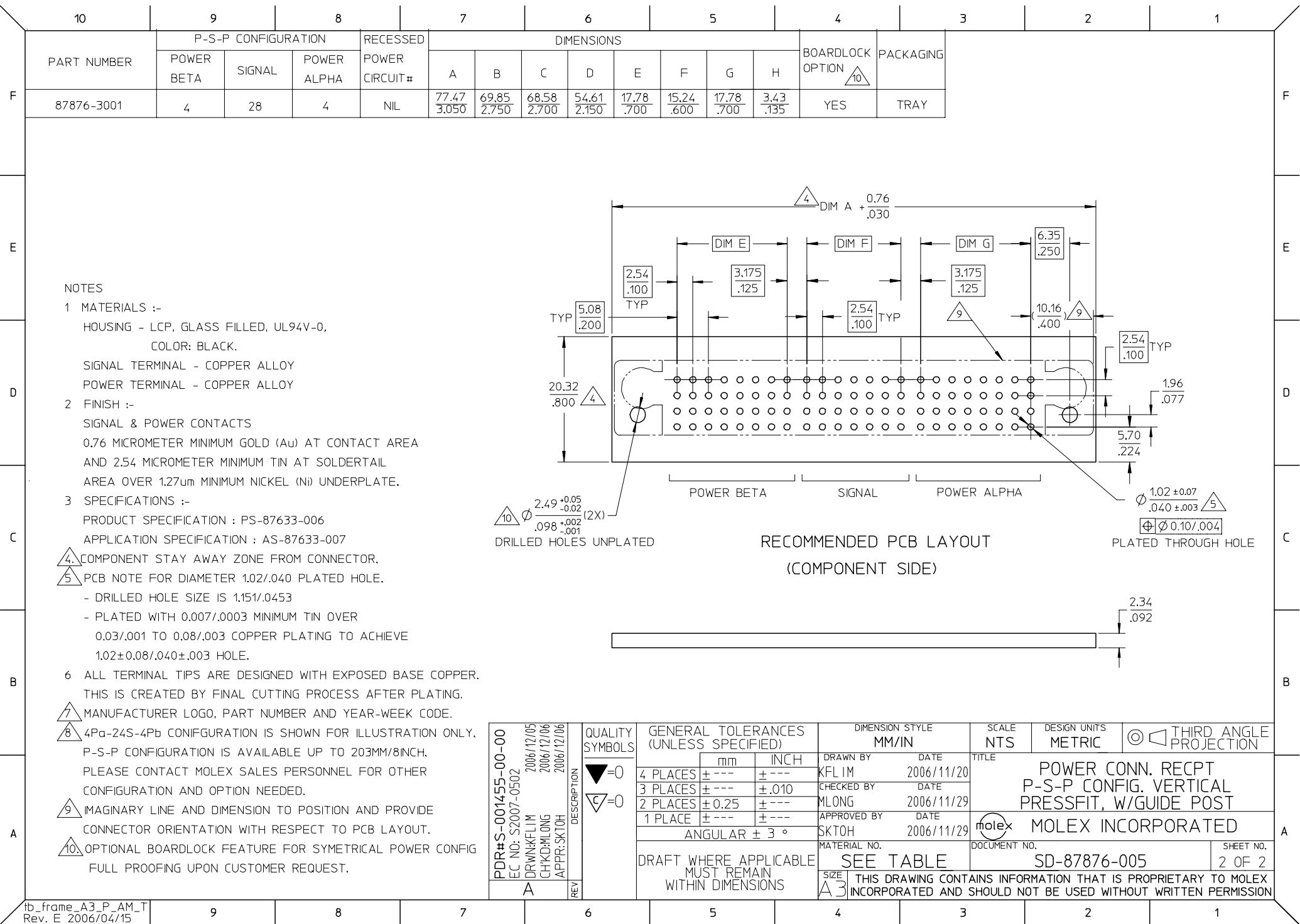
Reference - Drawing Numbers

Application Specification	AS-87631-018, AS-87633-007
Product Specification	PS-87633-006
Sales Drawing	SD-87876-005

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