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Part Number:

0877342000

Status:

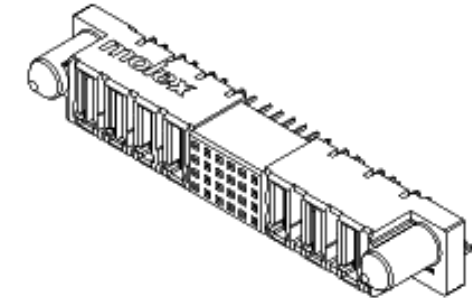
Active

Overview:

extreme_powerplus_ssi

Description:

6.35mm (.250") Pitch, Power, 2.54mm (.100") Pitch, Signal, EXTreme PowerPlus™ AC/DC Receptacle, P(A)DC-S-P(B)AC, Through Hole, Vertical, 0.76µm (30µ") Gold(Au) Selective Plating, 23 Circuits, Recessed Power Pins at all locations except B1, Lead-free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-87663-006 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	87734
Application	Board-to-Board
Comments	Recessed Power Circuit Positions: All except B1
Overview	extreme_powerplus_ssi
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™

Physical

Circuits (Loaded)	23
Circuits Detail	Power Beta 3, Signal 12, Power Alpha 8
Color - Resin	Black
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	4
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In, 0.250 In, 0.300 In
Pitch - Mating Interface (mm)	2.54 mm, 6.35 mm, 7.62 mm
Pitch - Term. Interface (in)	0.100 In, 0.125 In, 0.150 In, 0.200 In
Pitch - Term. Interface (mm)	2.54 mm, 3.18 mm, 3.81 mm, 5.08 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.54
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.5A, 30A, 50A
Voltage - Maximum	250V (RMS)

Solder Process Data

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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
87734Series

Mates With
87663 PCB Header

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

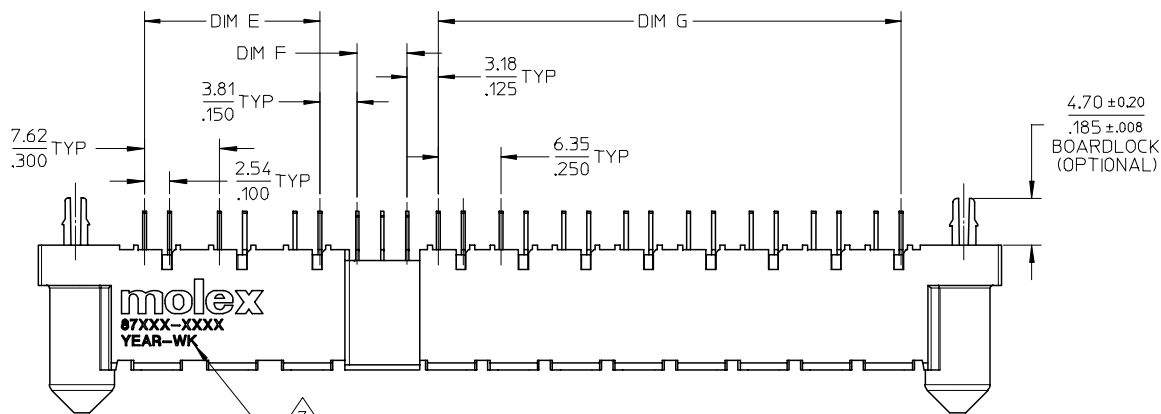
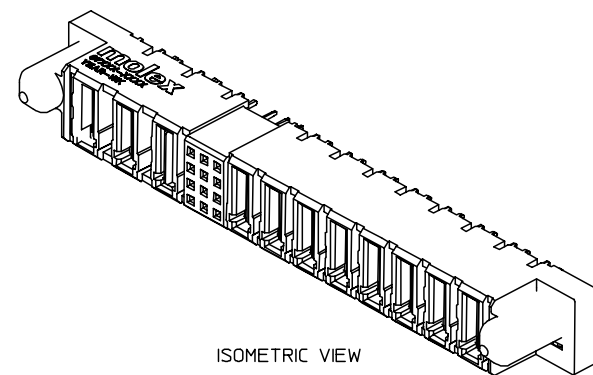
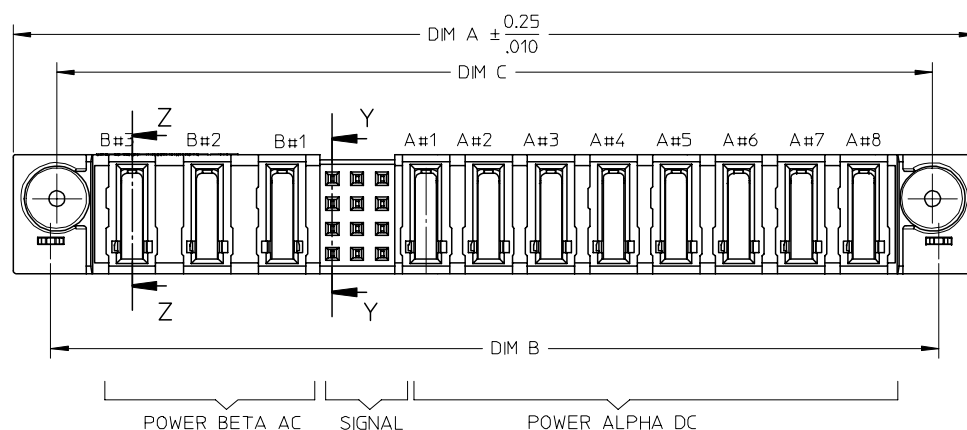
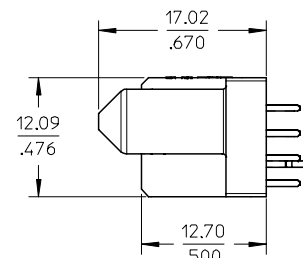
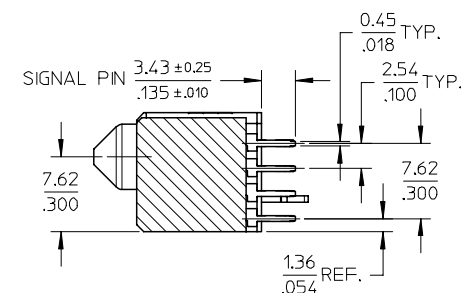
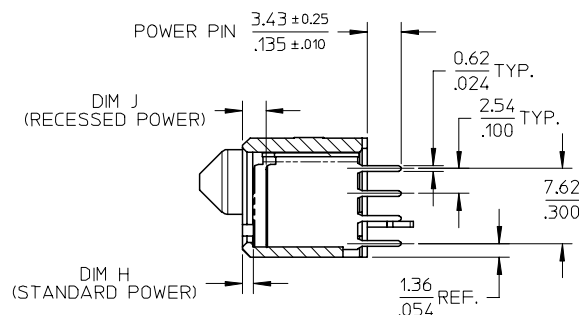
Reference - Drawing Numbers

Application Specification	AS-87631-018
Product Specification	PS-87663-006
Sales Drawing	SD-87734-020

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10 9 8 7 6 5 4 3 2 1



OBS TIN/LEAD P/N EC NO: S2006-0791 DRWN:MLG CHKD:CGH APPR:PTL IM	2006/03/30
	2006/03/30
	2006/03/30
	2006/03/30
REV	DESCRIPTION
D	

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE MM/IN	
DRAWN BY	DATE
BHLOW	2004/02/18
CHECKED BY	DATE
KCL ING	2004/03/03
APPROVED BY	DATE
PTL IM	2004/03/15
MATERIAL NO.	

SIZE A3
SEE TABLE

SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
TITLE			
DC/AC POWER RECEPTACLE P(A)DC-S-P(B)AC CONFIG. VERTICAL T/H, BOARD-LOCK			
 MOLEX INCORPORATED		SHEET NO. 1 OF 2	
DOCUMENT NO. SD-87734-020			

