

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

45985-8913

Status:

Active

Overview:

EXTreme LPHPower™

Description:

12.00mm Pitch, EXTreme LPHPower™ Header, Right Angle, 8 Power Contacts, Select Gold (Au) Plating, for 3.18mm Thick PC Board, with Press-fit Plastic Pegs

Documents:	
3D Model	Product Specification PS-45984-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	45985
Application	Board-to-Board, Power
Comments	8 Power Blades
Overview	EXTreme LPHPower™
Product Name	EXTreme LPHPower™
UPC	800756694368
Physical	
(p)ower-(s)ignal Configuration	8p - 0s
Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	250
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.986/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	4.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.18mm
Packaging Type	Tray
Pitch - Mating Interface	12.00mm
Pitch - Termination Interface	2.00mm, 2.50mm
Plating min - Mating	0.762µm
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Closed Ends
Stackable	No



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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
45985Series

Mates With
45984 EXTreme LPHPower™ PCB
Receptacles

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	23A
Voltage - Maximum	250V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	15
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	230
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-45984-001
Sales Drawing	SD-45985-102

This document was generated on 06/03/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION