

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0428196243

Status:

Active

Overview:

Mini-Fit Sr.™ Power Connectors

Description:

10.00mm Pitch Mini-Fit Sr.™ Header, Single Row, Vertical, 6.35mm PCB Thickness, 0.76µm Gold (Au) Selective Plating, 6 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-42815-001 (PDF)

Packaging Specification PK-42819-2375 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
TUV	R72081037
UL	E29179
General	
Product Family	PCB Headers
Series	42819
Application	Power, Wire-to-Board
Overview	Mini-Fit Sr.™ Power Connectors
Product Name	Mini-Fit Sr.™
UPC	800756513829
Physical	
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	14.734/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	8.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	6.35mm
Packaging Type	Tray
Pitch - Mating Interface	10.00mm
Pitch - Termination Interface	10.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2017 (12 January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

42819 Series

Mates With

Mini-Fit Sr.™ Receptacle Housing with TPA 42816

Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	50.0A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	235
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-42819-2375
Product Specification	PS-42815-001
Sales Drawing	SDA-42819-0002

This document was generated on 02/15/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION