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Part Number:

0428204233

Status:

Active

Overview:

Mini-Fit Sr. Power Connectors

Description:

10.00mm Pitch Mini-Fit Sr. Header, Single Row, Right-Angle, 3.18mm PCB Thickness, 0.76µm Gold (Au) Selective Plating, 4 Circuits

Documents:

Drawing (PDF)

3D Model

3D Model (PDF)

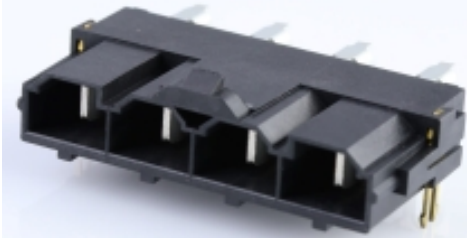
Product Specification PS-42815-001-001 (PDF)

Packaging Specification PK-42820-910-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		42820
Application		Power, Wire-to-Board
Component Type		PCB Header
Overview		Mini-Fit Sr. Power Connectors
Product Name		Mini-Fit Sr.
Taxonomy		PCB Headers and Receptacles
UPC		800756515793

Physical		
Breakaway		No
Circuits (Loaded)		4
Circuits (maximum)		4
Color - Resin		Black
Durability (mating cycles max)		100
First Mate / Last Break		No
Flammability		94V-0
Glow-Wire Capable		No
Guide to Mating Part		No
Keying to Mating Part		None
Lock to Mating Part		Yes
Material - Metal		Brass
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Net Weight		13.296/g
Number of Rows		1
Orientation		Right Angle
PC Tail Length		5.10mm
PCB Locator		Yes
PCB Retention		Yes
PCB Thickness - Recommended		3.18mm
Packaging Type		Tube
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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

42820 Series

Mates With

Mini-Fit Sr. Receptacle Housing with TPA 42816 . Mini-Fit Sr. Cable Assembly 369240401 , 369240403 , 369240410

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° 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-42820-910-001
Product Specification	PS-42815-001-001
Sales Drawing	SDA-42820-0002-001

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