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Part Number:

46437-1023

Status:

Active

Overview:

EXTreme Ten60Power™ High-Current Connector

Description:

2.54mm, 7.50mm Pitch EXTreme Ten60Power™ Right Angle Plug Assembly, 2 Power Circuits, 15 Signal Circuits, 2 Power Circuits, Halogen Free

Documents:

3D Model

Application Specification AS-46436-100 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-46436-100 (PDF)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	PCB Headers
Series	46437
Application	Board-to-Board, Power
Comments	See PS-46436-100 for details
Overview	EXTreme Ten60Power™ High-Current Connector
Product Name	EXTreme Ten60Power™
UPC	883906132255

Physical

(p)ower-(s)ignal Configuration	2p - 15s - 2p
Breakaway	No
Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Black
Durability (mating cycles max)	200
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	No
Mated Height	18.00mm
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	17.103/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.84mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 7.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No

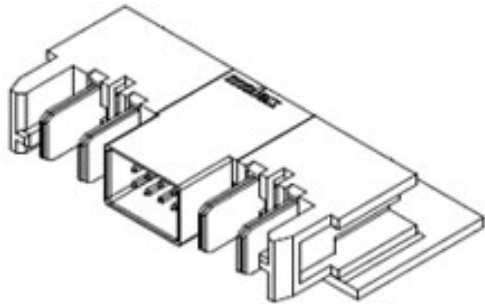


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Series

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

46437Series

Mates With

46437 EXTreme Ten60Power™ Plug

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	2.5A, 60A
Voltage - Maximum	600V AC / 250V DC
Solder Process Data	
Lead-free Process Capability	Reflow Capable (SMT only)
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-46436-100
Product Specification	PS-46436-100
Sales Drawing	SD-46437-1023

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