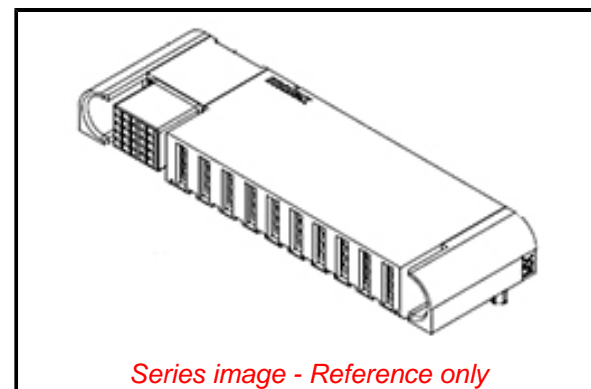


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0464361470](#)
Status: **Active**
Overview: EXTreme Ten60Power High-Current Connector
Description: 2.00mm, 5.50mm Pitch EXTreme Ten60Power Right-Angle Receptacle, 25 Signal Circuits, 10 DC Power Circuits

Documents:

3D Model	Packaging Specification PK-46436-001-000 (PDF)
3D Model (PDF)	Test Summary 464361000-TS-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-46436-100-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	PCB Receptacles
Series	46436
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Overview	EXTreme Ten60Power High-Current Connector
Product Name	EXTreme Ten60Power
UPC	887191367293

Physical

(p)ower-(s)ignal Configuration	10p - 25s
Circuits (Loaded)	35
Circuits (maximum)	35
Color - Resin	Black
Durability (mating cycles max)	200
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	No
Mated Height	10.00mm
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	35.598/g
Number of Rows	1, 5
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	2.00mm, 5.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	4.5A, 60.0A
Grounding to PCB	No

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

46436 Series

Mates With

464371470

Voltage - Maximum 600V AC / 250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 040
Lead-free Process Capability SMC&WAVE
Max. Cycles at Max. Process Temperature 003
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Packaging Specification PK-46436-001-000
Product Specification PS-46436-100-001
Sales Drawing SD-46436-1470-001
Test Summary 464361000-TS-000

This document was generated on 10/04/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION