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Part Number: 0765410003
Status: Active
Overview: EXTreme Ten60Power High-Current Connector
Description: 2.54mm, 3.00mm Pitch EXTreme Ten60Power Vertical Receptacle, 20 Signal Circuits, 10 Power Circuits

Documents:

[Drawing \(PDF\)](#)
[Product Specification PS-46436-100-001 \(PDF\)](#)
[Application Specification AS-46436-100-001 \(PDF\)](#)
[Packaging Specification PK-76541-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980

General

Product Family PCB Receptacles
Series 76541
Application Board-to-Board
Overview EXTreme Ten60Power High-Current Connector
Product Name EXTreme Ten60Power
UPC 884982253759

Physical

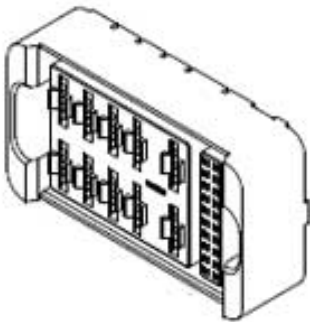
(p)ower-(s)ignal Configuration 10p - 20s
Circuits (Loaded) 30
Circuits (maximum) 30
Color - Resin Black
Durability (mating cycles max) 200
Flammability 94V-0
Glow-Wire Capable No
Guide to Mating Part Yes
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Plating Mating Gold over Nickel, Tin
Material - Resin Nylon Alloy
Net Weight 30.080/g
Number of Rows 2
Orientation Vertical
PC Tail Length 3.25mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.58mm
Packaging Type Tray
Pitch - Mating Interface 2.54mm, 3.00mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Temperature Range - Operating N/A
Termination Interface: Style Solder or Weld, Through Hole

Electrical

Current - Maximum per Contact 2.5A, 60.0A
Voltage - Maximum 250V / 600V

Solder Process Data

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

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

76541 Series

Mates With

76546-0003 EXTreme Ten60Power
Receptacle Assembly

Material Info

Reference - Drawing Numbers

Application Specification	AS-46436-100-001
Packaging Specification	PK-76541-002
Product Specification	PS-46436-100-001
Sales Drawing	SD-76541-0001

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