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

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

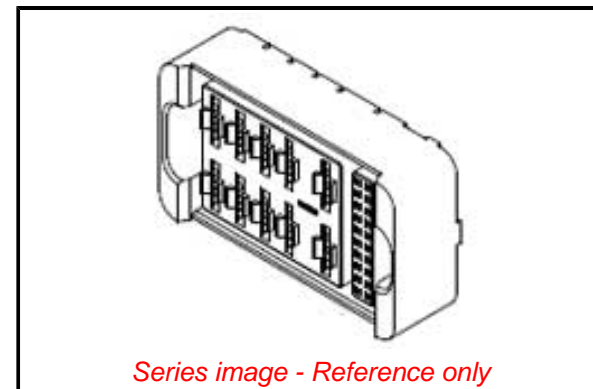
(p)ower-(s)ignal Configuration 10p - 20s
Circuits (Loaded) 30
Circuits (maximum) 30
Color - Resin Black
Durability (mating cycles max) 200
Flammability 94V-0
Glow-Wire Capable No
Guide to Mating Part Yes
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Plating Mating Gold
Material - Resin 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



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

[76541 Series](#)

Mates With

[76546-0003](#) EXTreme Ten60Power Receptacle Assembly

Material Info

Reference - Drawing Numbers

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

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