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Part Number: **0765460003**
Status: **Active**
Overview: EXTreme Ten60Power High-Current Connector
Description: 2.54mm, 3.00mm Pitch EXTreme Ten60Power Vertical Plug Assembly, 20 Signal Circuits, 10 Power Circuits

Documents:

3D Model	Application Specification AS-46436-100-001 (PDF)
Drawing (PDF)	Packaging Specification PK-76546-002-001 (PDF)
Product Specification PS-46436-100-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980

General

Product Family	PCB Headers
Series	76546
Application	Board-to-Board
Comments	Short Power: P1P5, P10 Short Signal: S6-S10, S16-S20
Overview	EXTreme Ten60Power High-Current Connector
Product Name	EXTreme Ten60Power
UPC	884982253766

Physical

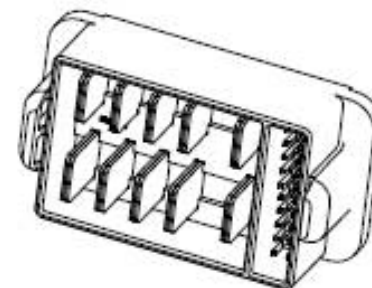
(p)ower-(s)ignal Configuration	10p - 20s
Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	33.530/g
Number of Rows	10, 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
Termination Interface: Style	Solder or Weld, Through Hole

Electrical

Current - Maximum per Contact 2.5A, 60.0A

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	SMC&WAVE



Series image - Reference only

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

[76546 Series](#)

Mates With

[765410003](#) EXTreme Ten60Power Plug Assembly

Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-46436-100-001
Packaging Specification	PK-76546-002-001
Product Specification	PS-46436-100-001
Sales Drawing	SD-76546-0001-001

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