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Part Number: [1724580412](#)
Status: **Active**
Overview: EXTreme Ten60 High-Power Connectors
Description: EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 2 Power Circuit, 12 Signal Circuits, 2 Power Circuit

Documents:

3D Model	Packaging Specification PK-46437-003-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-172458-0412-001 (PDF)
Product Specification PS-173693-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 1724520000-AS-000 (PDF)	

Agency Certification

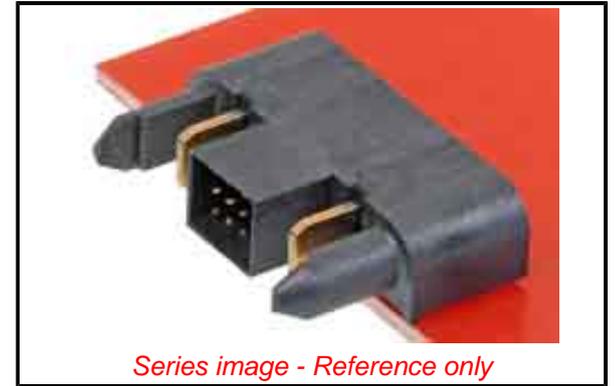
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	172458
Application	Panel-to-Board, Power, Signal
Overview	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
Taxonomy	Board-to-Board Connectors
UPC	889056069632

Physical

(p)ower-(s)ignal Configuration	2p - 12s - 2p
Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Side, Yes
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	17.918/g
Number of Rows	1, 3
Orientation	Right Angle
PC Tail Length	2.84mm
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 7.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

[172458](#) Series

Mates With

[EXTreme Ten60Power Receptacle Housing 172512](#)

Temperature Range - Operating -40° to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 50.0A
Voltage - Maximum 600V AC / 250V DC

Solder Process Data

Lead-free Process Capability SMC&WAVE
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Application Specification 1724520000-AS-000
Packaging Specification PK-46437-003-001
Product Specification PS-173693-001-001
Sales Drawing SD-172458-0412-001
Symbol/Footprint Data SYM-172458-0412-001

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