

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1724580424](#)  
**Status:** **Active**  
**Overview:** EXTreme Ten60Power High-Current Connector  
**Description:** EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 2 Power Circuit, 24 Signal Circuits, 2 Power Circuit

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-46437-003-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Symbol Footprint Data SYM-172458-0424 (PDF)</a>
<a href="#">Product Specification PS-173693-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 1724520000-AS-000 (PDF)</a>	

**Agency Certification**

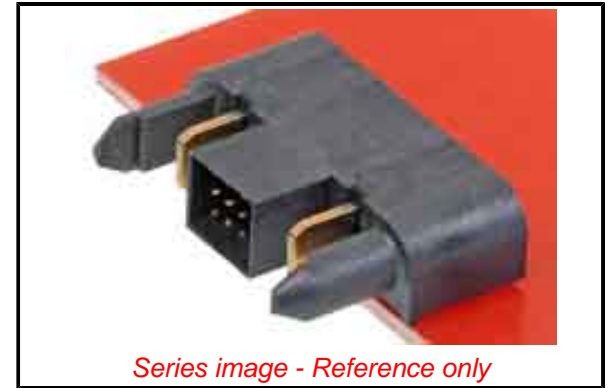
CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">172458</a>
Application	Panel-to-Board, Power, Signal
Overview	<a href="#">EXTreme Ten60Power High-Current Connector</a>
Product Name	EXTreme Ten60Power
UPC	889056069656

**Physical**

(p)ower-(s)ignal Configuration	2p - 24s - 2p
Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	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	21.733/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
Temperature Range - Operating	-40° to +105°C



Series image - Reference only

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[172458](#) Series

**Mates With**

[EXTreme Ten60Power Receptacle Housing](#)  
[172512](#)

Termination Interface: Style

Through Hole

**Electrical**

Current - Maximum per Contact

50.0A

Voltage - Maximum

600V AC / 250V DC

**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-172458-0424

Symbol/Footprint Data

SYM-172458-0424

This document was generated on 07/29/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Power to the Board](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[6450552-7](#) [6643429-1](#) [6646040-2](#) [6766604-1](#) [120959-1](#) [1393557-2](#) [1393532-2](#) [1393532-3](#) [1393532-4](#) [1393557-1](#) [1744132-7](#) [1766250-1](#)  
[1892109-1](#) [1-6450850-6](#) [1-6450869-6](#) [1645526-2](#) [2005243-2](#) [377-0020-11130](#) [MC116N](#) [TE34-12-16P-F0](#) [51700-10201602AALF](#) [51970-004](#) [5-6450830-6](#) [4-6600333-3](#) [10125416-4050LF](#) [10130248-005LF](#) [6600320-3](#) [IPBT-103-H1-T-S-RA](#) [1888123-2](#) [6766605-1](#) [701-15-02109](#)  
[6450810-7](#) [46437-1112](#) [6450813-2](#) [6450842-4](#) [10108877-R24403SLF](#) [1645523-1](#) [PSS-06-01-T-S](#) [FWS-03-04-T-S](#) [51760-10301603ABLF](#)  
[MDF6-TA2022HC](#) [FWS-05-01-T-S](#) [51720-10206002AALF](#) [QE-POL-KEY](#) [FWS-08-01-T-S](#) [698-0075-04](#) [6651670-1](#) [MC120N](#) [2-1600788-6](#)  
[1761385-3](#)