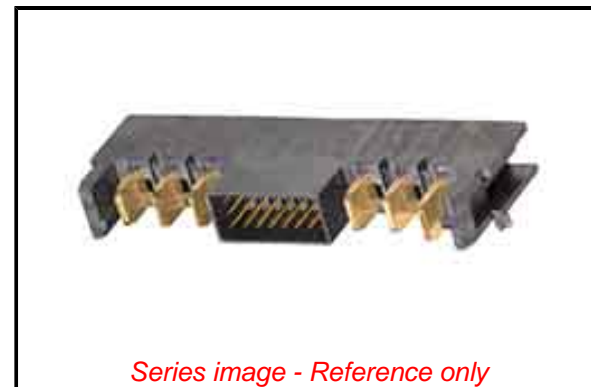


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1724530612](#)  
**Status:** **Active**  
**Overview:** EXTreme Ten60Power High-Current Connector  
**Description:** EXTreme Ten60Power Wire-to-Board Right-Angle Plug Assembly, 3 Power Circuit, 12 Signal Circuits, 3 Power Circuit

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-46437-003-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Symbol Footprint Data SYM-172453-0612-001 (PDF)</a>
<a href="#">Product Specification PS-173693-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA LR19980

**General**

Product Family	PCB Headers
Series	<a href="#">172453</a>
Application	Power, Signal, Wire-to-Board
Overview	<a href="#">EXTreme Ten60Power High-Current Connector</a>
Product Name	EXTreme Ten60Power
UPC	889056069526

**Physical**

(p)ower-(s)ignal Configuration	3p - 12s - 3p
Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	22.906/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
Termination Interface: Style	Through Hole

**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**

[172453 Series](#)

**Mates With**

[EXTreme Ten60Power Receptacle Housing  
1725103612](#)

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-46437-003-001
Product Specification	PS-173693-001-001
Sales Drawing	SD-172453-0612-001
Symbol/Footprint Data	SYM-172453-0612-001

This document was generated on 09/03/2021

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