



**Part Number :** [465629005](#)

**Product Description :** 7.50mm Pitch EXTreme  
Ten60Power Vertical Receptacle Assembly, 5  
Signal Circuits

**Series Number :** 46562

**Status :** Active

**Product Category :** Board-to-Board  
Connectors

---

## Documents & Resources

### Drawings

[Drawing 465629005\\_sd.pdf](#)

[Packaging Design Drawing PK-46562-001-000.pdf](#)

[Packaging Design Drawing PK-46562-002-000.pdf](#)

### 3D Models and Design Files

[3D Model 465629005\\_stp.zip](#)

### Specifications

[Application Specification AS-46436-100-001.pdf](#)

[Product Specification PS-46436-100-001.pdf](#)

[Test Summary 464361000-TS-000.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Reviewed
China RoHS	Not Reviewed
EU ELV	Not Reviewed
Low-Halogen Status	Not Reviewed
REACH SVHC	Not Reviewed
EU RoHS	Not Reviewed

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

---

### Part Details

#### General

Status	Active
Category	Board-to-Board Connectors
Series	46562
Description	7.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly, 5 Signal Circuits
Application	Board-to-Board, Power
Comments	See PS-46436-100 for details
Component Type	PCB Receptacle
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	883906945077

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Current - Maximum per Contact	2.5A, 55.0A
Grounding to PCB	No
Voltage - Maximum	600V AC / 250V DC

#### Physical

Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0

Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	7.50mm
Plating min - Mating	0.127µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	5p - 0s
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

---

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Right-Angle Plug Assemblies	<u>46437</u>

---

## Application Tooling

### Global

Description	Part Number
-------------	-------------

Removal Tool for EXTreme Ten60Power Power Receptacle Terminals	<u>621007900</u>
--	------------------

---

This document was generated on Sep 17, 2024