

Part Number : [465621394](#)

Product Description : 2.00mm, 5.50mm Pitch
EXTreme Ten60Power Vertical Receptacle with Guides,
10 DC Power Circuits, 25 HD Signal Circuits

Series Number : 46562

Status : Active

Product Category : Board-to-Board Connectors

Documents and Resources

Drawings

[465621394_sd.pdf](#)

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

[Symbol and Footprint \(Multi-Format\)](#)

Specifications


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

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

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

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | Board-to-Board Connectors |
| Series | 46562 |
| Description | 2.00mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle with Guides, 10 DC Power Circuits, 25 HD Signal Circuits |
| Application | Board-to-Board, Power, Signal |
| Comments | See PS-46436-100 for details |
| Component Type | Receptacle |
| Keyword | Ten60 |
| Product Name | EXTreme Ten60Power |
| UPC | 887191128962 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Electrical

| | |
|-------------------------------|-------------------|
| Current - Maximum per Contact | 2.5A, 60.0A |
| Grounding to PCB | No |
| Voltage - Maximum | 600V AC / 250V DC |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 35 |
| Circuits (maximum) | 35 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Guide to Mating Part | Side, Yes |
| Mated Height | 18.00mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 25.850/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Tray |
| PCB Retention | No |
| PCB Thickness - Recommended | 1.58mm |
| PC Tail Length | 2.50mm, 2.82mm |
| Pitch - Mating Interface | 2.00mm, 5.50mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| (p)ower-(s)ignal Configuration | 10p - 25s |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole - Compliant Pin |

Solder Process Data

| | |
|------------------------------|----------|
| Max-Duration | 40 |
| Lead-Free Process Capability | SMC&WAVE |
| Max-Cycle | 3 |
| Max-Temp | 260 |

Application Tooling

Global

| Description | Part Number |
|--|------------------|
| Removal Tool for EXTreme Ten60Power Power Receptacle Terminals | <u>621007900</u> |

This document was generated on Apr 15, 2026