

6646742-1 Product Details

[Live Product Chat](#)



6646742-1

TE Part Number: 6646742-1

Active

[Add to Part List](#)

FLATPAQ True Hot-Plug Connectors

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Right Angle Mount Angle
- Voltage = 250 VAC
- Number of Signal Contacts = 24
- 9 Power Contacts
- Hot Pluggable

[View all Features](#) | [Find Similar Products](#)

Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- [CONNECTOR, SOCKET, RIGHT ANGLE, SOLDER TAILS, FLATPAQ \(PN...\)](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Mount Angle = Right Angle
- Gender = Socket
- Termination Type = Solder
- Product Type = Connector

Electrical Characteristics:

- Voltage (VAC) = 250
- Hot Pluggable = Yes

Termination Related Features:

- Solder Tail Contact Plating = Tin

Body Related Features:

- Number of Signal Contacts = 24
- Number of Power Contacts = 9
- Guide Pin = Without
- Mounting Flange = Without
- PCB Tail Length (mm [in]) = 3.56 [0.140]
- Crown Material = Beryllium Copper Alloy
- Crown Plating = Gold (30)
- Power Contact Material = Phosphor Bronze Alloy

Contact Related Features:

- Signal Contact Material = Brass Alloy
- Power Contact Plating = Gold (30)
- Signal Contact Plating = Gold (30)

Housing Related Features:

- Housing Material = Thermoplastic Glass Reinforced
- Housing Flammability Rating = UL 94V-0

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Other:

- Brand = Elcon