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**Part Number:** [15-92-1430](#)  
**Status:** **Active**  
**Overview:** EBBI™ 50D  
**Description:** 1.27mm Pitch EBBI™ 50D Receptacle, Vertical, 30 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-71660 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family PCB Receptacles  
Series [71660](#)  
Application Board-to-Board, Signal  
Application Tooling Part Link [622004600](#)  
Application Tooling Part Link [622005500](#)  
Overview [EBBI™ 50D](#)  
Product Name EBBI™  
UPC 800754397407

**Physical**

Circuits (Loaded) 30  
Circuits (maximum) 30  
Color - Resin Black  
Durability (mating cycles max) 2,000  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part Yes  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 2.000/g  
Number of Rows 2  
Orientation Vertical  
PC Tail Length 2.79mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.57mm  
Packaging Type Tray  
Pitch - Mating Interface 1.27mm  
Plating min - Mating 0.762µm  
Plating min - Termination 0.254µm  
Polarized to PCB Yes  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 1A  
Voltage - Maximum 30V

**Solder Process Data**

Lead-free Process Capability SMC & Wave Capable (TH only)  
Process Temperature max. C 260

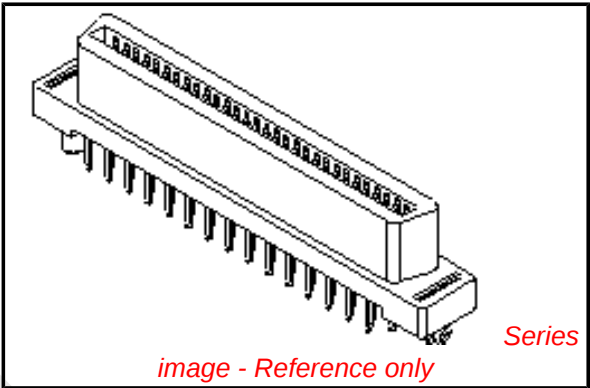


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**

[71660Series](#)

**Mates With**

[71661](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are  
found by selecting the products below.  
Crimp Height Specifications are then  
contained in the Application Tooling  
Specification document.*

**Global**

| Description        | Product #                  |
|--------------------|----------------------------|
| IDT - Manual Press | <a href="#">0622004600</a> |
| IDT - Manual Press | <a href="#">0622005500</a> |

**Material Info**

Old Part Number

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THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

**Reference - Drawing Numbers**

Product Specification

PS-71660

Sales Drawing

SDA-71660-1\*\*\*, SDA-71660-1\*\*\*\*

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