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**Part Number:** [0716607068](#)  
**Status:** **Active**  
**Overview:** [EBBI 50D Connector System](#)  
**Description:** 1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind Mate, 68 Circuits, 2.79mm PC Tail Length

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-71660-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[3D Model](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [71660](#)  
 Application Board-to-Board, Signal  
 Overview [EBBI 50D Connector System](#)  
 Product Name EBBI  
 UPC 800753758469

**Physical**

Circuits (Loaded) 68  
 Circuits (maximum) 68  
 Color - Resin Black  
 Durability (mating cycles max) 2000  
 Flammability 94V-0  
 Glow-Wire Capable No  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 3.946/g  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 2.79mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.79mm  
 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° to +105°C  
 Termination Interface: Style Through Hole

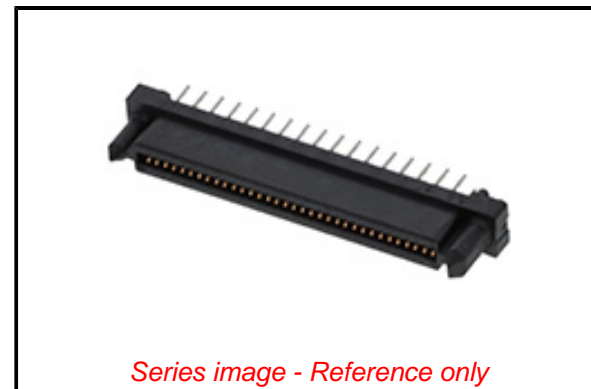
**Electrical**

Current - Maximum per Contact 1.0A  
 Voltage - Maximum 30V

**Solder Process Data**

Lead-free Process Capability SMC&WAVE  
 Process Temperature max. C 260

**Material Info**



**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**

[71660 Series](#)

**Mates With**

[716617\\*\\*\\*](#) | [7166125\\*\\*](#)

**Reference - Drawing Numbers**

Packaging Specification

Sales Drawing

PK-71660-001

SDA-71660-7XXX-001

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