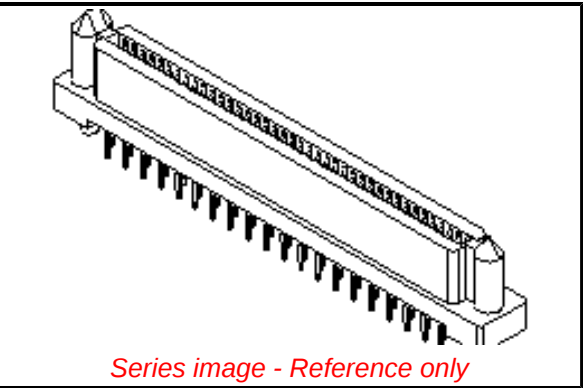


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**Part Number:** 0716607040  
**Status:** Active  
**Overview:** EBBI 50D Connector System  
**Description:** 1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind-Mate, 40 Circuits



Series image - Reference only

**Documents:**  
[3D Model](#)  
[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 62200-4600  
Application Tooling Part Link 62200-5500  
Overview EBBI 50D Connector System  
Product Name EBBI  
UPC 800754250641

**Physical**

Circuits (Loaded) 40  
Circuits (maximum) 40  
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 2.385/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-freeProcess Capability SMC&WAVE  
Process Temperature max. C 260

**Material Info**

**EU ELV**

Not Relevant

**EU RoHS**

Compliant

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS Green Image  
ELV Not Relevant  
RoHS Phthalates Not Contained

**Search Parts in this Series**

71660 Series

**Mates With**

71661-7\*\*\*|71661-25\*\*

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