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**Part Number:** 0716607060  
**Status:** Active  
**Overview:** EBBI 50D Connector System  
**Description:** 1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind-Mate, 60 Circuits

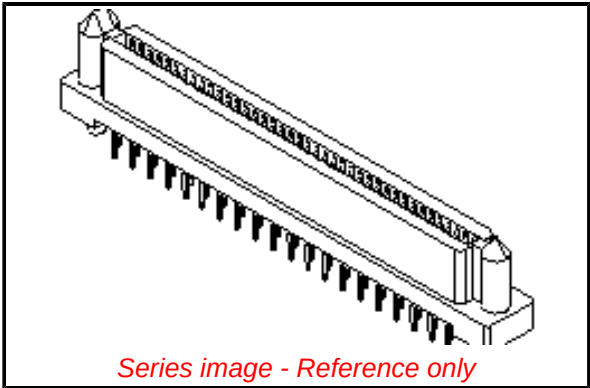
**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**  
CSA LR19980  
UL E29179  
  
**General**  
Product Family PCB Receptacles  
Series 71660  
Application Board-to-Board, Signal  
Overview EBBI 50D Connector System  
Product Name EBBI  
UPC 800753510050

**Physical**  
Circuits (Loaded) 60  
Circuits (maximum) 60  
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 3.577/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**  
**Reference - Drawing Numbers**



Series image - Reference only

**EU ELV**  
**Not Relevant**  
  
**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per  
-ED/88/2018 (15  
January 2019)  
**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**  
716617\*\*\*|7166125\*\*

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