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**Part Number:** [0716607730](#)  
**Status:** **Active**  
**Overview:** [ebbi\\_50d](#)  
**Description:** 1.27mm (.050") Pitch EBBITM 50D Receptacle, Vertical, Blind-Mate, 130 Circuits

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [71660](#)  
 Application Board-to-Board, Signal  
 Overview [ebbi\\_50d](#)  
 Product Name EBBITM

**Physical**

Circuits (Loaded) 130  
 Color - Resin Black  
 Durability (mating cycles max) 2,000  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part Yes  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 3.94mm (.155")  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 3.94mm (.155")  
 Packaging Type Tray  
 Pitch - Mating Interface 1.27mm (.050")  
 Plating min - Mating 0.762µm (30µ")  
 Plating min - Termination 0.254µm (10µ")  
 Polarized to PCB Yes  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

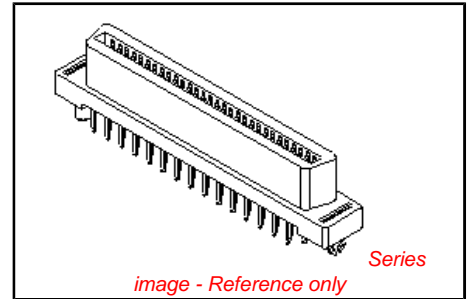
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing SDA-71660-7\*\*\*



<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>  <b>Not Reviewed</b>  <b>Low-Halogen Status</b>  <b>Not Reviewed</b></p>	<p><b>China RoHS</b></p>
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**Need more information on product environmental compliance?**

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 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](#)

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