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**Part Number:** [0716603550](#)  
**Status:** **Active**  
**Overview:** [ebbi\\_50d](#)  
**Description:** 1.27mm (.050") Pitch EBBI™ 50D - Receptacle, Vertical, IDT

**Documents:**

[3D Model](#) [Application Specification AS-71662-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-71660 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family IDT and Solder Connectors  
 Series [71660](#)  
 Crimp Quality Equipment Yes  
 Overview [ebbi\\_50d](#)  
 Product Name EBBI™

**Physical**

Circuits (Loaded) 50  
 Color - Resin Natural (White)  
 Durability (mating cycles max) 2,000  
 Flammability 94V-0  
 Gender Female  
 Glow-Wire Compliant No  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Number of Rows 2  
 Packaging Type Tray  
 Pitch - Mating Interface 1.27mm (.050")  
 Plating min - Mating 0.762µm (30µ")  
 Plating min - Termination 2.540µm (100µ")  
 Stackable No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style IDT or Pierce  
 Wire Size AWG 30

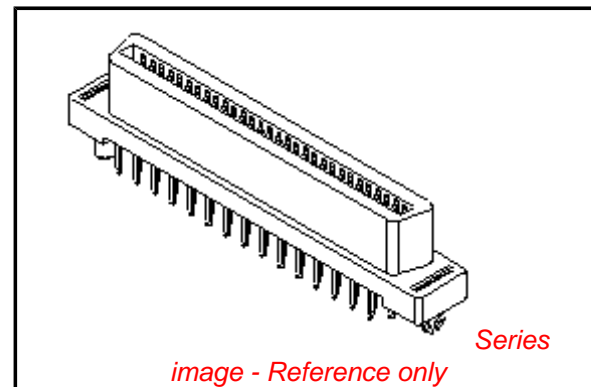
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-71662-001  
 Product Specification PS-71660  
 Sales Drawing SDA-71660-35\*\*



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
**Not Reviewed**

**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

**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>

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