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**Part Number:** [0015921050](#)  
**Status:** **Active**  
**Overview:** [EBBI 50D Connector System](#)  
**Description:** 1.27mm Pitch EBBI 50D Receptacle, Vertical, 50 Circuits, 3.40mm PC Tail Length

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-71660 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-71660-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**Application tooling part link**

Application Tooling Part Link	62200-4600
Application Tooling Part Link	62200-5500

**General**

Product Family	PCB Receptacles
Series	<a href="#">71660</a>
Application	Board-to-Board, Signal
Overview	<a href="#">EBBI 50D Connector System</a>
Product Name	EBBI
UPC	800754314916

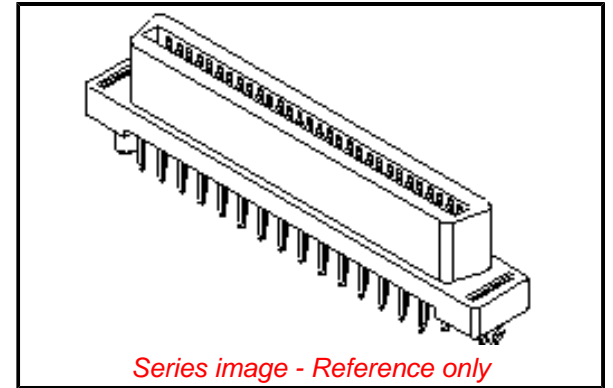
**Physical**

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	2000
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.990/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[71660 Series](#)

**Mates With**

[71661](#)

**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 [622004600](#)

IDT - Manual Press [622005500](#)

Lead-free Process Capability  
Process Temperature max. C

SMC&WAVE  
260

**Material Info**

Engineering Number

A-71660-1050

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-71660, PS-71660-001  
SDA-71660-1XXX-001

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