

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0716607050](#)  
**Status:** **Active**  
**Overview:** [EBBI 50D Connector System](#)  
**Description:** 1.27mm Pitch EBBI 50D Receptacle, Vertical, Blind Mate, 50 Circuits, 2.79mm PC Tail Length  
**Replacement Part Number :** <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=0734031580734031580> (drop-in)

**Documents:**

<a href="#">3D Model</a>	<a href="#">3D Model (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**

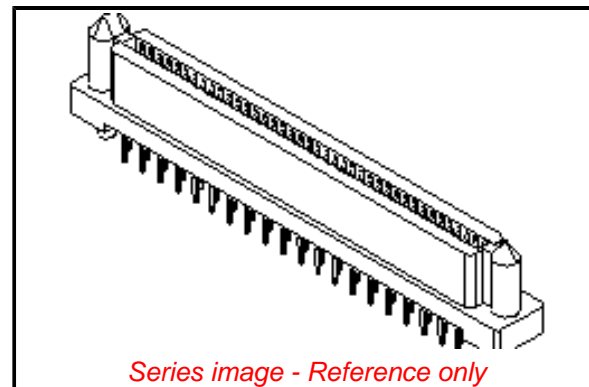
Product Family	PCB Receptacles
Series	<a href="#">71660</a>
Application	Board-to-Board, Signal
Overview	<a href="#">EBBI 50D Connector System</a>
Product Name	EBBI
Replacement Part Number	<a href="#">734031580</a> (drop-in)
UPC	800754351553

**Physical**

Circuits (Loaded)	50
Circuits (maximum)	50
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	3.060/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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[71660](#) Series

**Mates With**

[716617\\*\\*\\*](#)|[7166125\\*\\*](#)

**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="#">622004600</a>
IDT - Manual Press	<a href="#">622005500</a>

**Solder Process Data**

Lead-free Process Capability  
Process Temperature max. C

SMC&WAVE  
260

**Material Info****Reference - Drawing Numbers**

Sales Drawing

SDA-71660-7XXX-001

This document was generated on 02/21/2020

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