

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0015921480](#)  
**Status:** **Active**  
**Overview:** [EBBI 50D Connector System](#)  
**Description:** 1.27mm Pitch EBBI 50D Receptacle, Vertical, 80 Circuits, 2.79mm PC Tail Length

**Documents:**

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

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                                                                                                                                                        |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Family | PCB Receptacles                                                                                                                                                        |
| Series         | <a href="#">71660</a>                                                                                                                                                  |
| Application    | Board-to-Board, Signal                                                                                                                                                 |
| Comments       | Meets SCA (Single Connector Attachment) standard for small form factor disk drives, Meets SCA (Single Connector Attachment) standard for small form factor disk drives |
| Overview       | <a href="#">EBBI 50D Connector System</a>                                                                                                                              |
| Product Name   | EBBI                                                                                                                                                                   |
| UPC            | 800753749863                                                                                                                                                           |

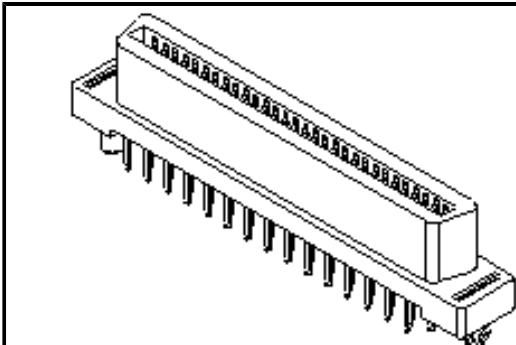
**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 80                             |
| Circuits (maximum)             | 80                             |
| 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                     | 4.505/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 2.79mm                         |
| 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**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**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](#)

|                                    |                            |                                 |
|------------------------------------|----------------------------|---------------------------------|
| Lead-free                          | Process Capability         | SMC&WAVE                        |
|                                    | Process Temperature max. C | 260                             |
| <b>Material Info</b>               |                            |                                 |
|                                    | Engineering Number         | A-71660-1380                    |
| <b>Reference - Drawing Numbers</b> |                            |                                 |
|                                    | Product Specification      | PS-71660, PS-71660-001          |
|                                    | Sales Drawing              | SDA-71660-1XXX, SDA-71660-1XXXX |

This document was generated on 09/27/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

15-92-1480