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**Part Number:** [0741395040](#)  
**Status:** **Active**  
**Overview:** pmc  
**Description:** 1.27mm (.050") Pitch EBBI™ 50D Plug, Surface Mount, Vertical, 40 Circuits, 3.00mm (.118") Retention Clip

**Documents:**

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

**General**

Product Family PCB Headers  
 Series [74139](#)  
 Application Board-to-Board, Signal, Wire-to-Board  
 Overview pmc  
 Product Name EBBI™

**Physical**

Breakaway No  
 Circuits (Loaded) 40  
 Circuits (maximum) 40  
 Color - Resin Black  
 Durability (mating cycles max) 500  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Metal Brass, Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm (.063")  
 Packaging Type Tray  
 Pitch - Mating Interface 1.27mm (.050")  
 Plating min - Mating 0.762µm (30µ")  
 Plating min - Termination 1.270µm (50µ")  
 Polarized to Mating Part Yes  
 Shrouded Fully  
 Stackable No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

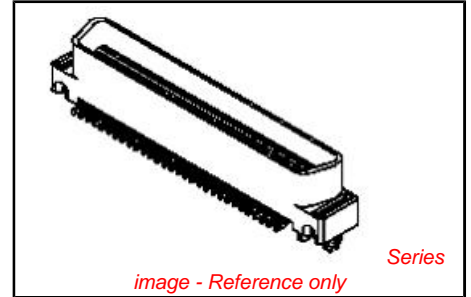
Current - Maximum per Contact 1A  
 Voltage - Maximum 30V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 40  
 Lead-free Process Capability Reflow Capable (SMT only)  
 Max. Cycles at Max. Process Temperature 3  
 Process Temperature max. C 260

**Material Info**

Country of Origin US



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**



**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**  
[74139Series](#)

**Mates With**  
[71660](#) , [87552](#)

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-71660  
SD-74139-001

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