

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

**Part Number:** [0741395568](#)  
**Status:** **Active**  
**Overview:** pmc  
**Description:** 1.27mm (.050") Pitch EBBI™ 50D Plug, Surface Mount, Vertical, with Latch, 68 Circuits, 3.00mm (.118") Retention Clip

**Documents:**

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

**General**

Product Family	PCB Headers
Series	<a href="#">74139</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	pmc
Product Name	EBBI™

**Physical**

Breakaway	No
Circuits (Loaded)	68
Circuits (maximum)	68
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**

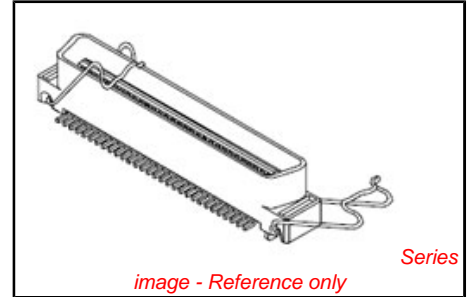
Current - Maximum per Contact	1A
Voltage - Maximum	30V

**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
-------------------	----



<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>          Not Reviewed  <b>Low-Halogen Status</b>          Not Reviewed</p>	<p><b>China RoHS</b></p>
--	--------------------------

**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.

<p><b>Search Parts in this Series</b>  <a href="#">74139Series</a></p>
<p><b>Mates With</b>  <a href="#">71660</a> , <a href="#">87552</a></p>

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-71660  
SD-74139-002

This document was generated on 11/17/2010

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