

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

**Part Number:** [1718101115](#)  
**Status:** **Active**  
**Overview:** SpeedMezz™ Connector Family  
**Description:** SpeedField™ Single-Ended Vertical Plug, 0.80mm Pitch, 2.90mm Height, 60 Circuits, UL94V-0, Black

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-6003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">171810</a>
Application	Board-to-Board
Overview	<a href="#">SpeedMezz™ Connector Family</a>
Product Name	SpeedField™
UPC	889056420112

**Physical**

Breakaway	No
Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	20
Glow-Wire Compliant	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.618/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

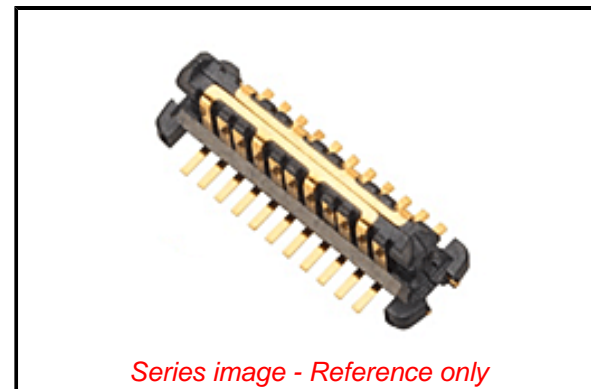
**Electrical**

Current - Maximum per Contact	0.8A
Voltage - Maximum	5V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-70873-6003
Sales Drawing	SD-171810-1000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[171810](#) Series

**Mates With**

SpeedStack™ Vertical Receptacle [171450](#)