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**Part Number:** [0714390164](#)  
**Status:** **Active**  
**Overview:** [PMC Mezzanine Connectors](#)  
**Description:** 1.00mm Pitch Mezzanine IEEE 1386 Receptacle, Surface Mount, Dual Row, Vertical Stacking, Tube, 0.76µm Gold (Au), 64 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-70873-013 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-063 (PDF)</a>
<a href="#">Product Specification PS-71436-9999-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">71439</a>
Application	Board-to-Board, Signal
Comments	Plugs
MolexKits	Yes
Overview	<a href="#">PMC Mezzanine Connectors</a>
Product Name	PMC Mezzanine
UPC	800754349956

**Physical**

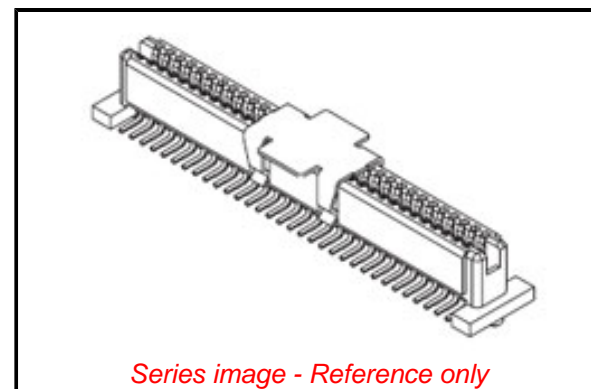
Circuits (Loaded)	64
Circuits (maximum)	64
Color - Resin	Natural
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height	10.00mm, 8.00mm, 9.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.140/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1.0A
Voltage - Maximum	100V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	040
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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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[71439 Series](#)

**Mates With**

[71436](#) 1.00mm Pitch Mezzanine IEEE 1386 Plug. Be sure to match like stack heights

Lead-free Process Capability  
Max. Cycles at Max. Process Temperature  
Process Temperature max. C

REFLOW  
003  
260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

PK-70873-013, PK-70873-063  
PS-71436-9999-001  
SDA-71439-0\*\*\*

This document was generated on 07/24/2017

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