

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

**Part Number:** [0714390164](#)  
**Status:** **Active**  
**Overview:** [PMC](#)  
**Description:** 1.00mm (.039") Pitch Mezzanine IEEE 1386 Receptacle, Surface Mount, Dual Row, Vertical Stacking, Tube, 0.76µm (30µ") Gold (Au), 64 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-71436-9999 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [71439](#)  
 Application Board-to-Board, Signal  
 Comments Plugs  
 MolexKits Yes  
 Overview [PMC](#)  
 Product Name Mezzanine

**Physical**

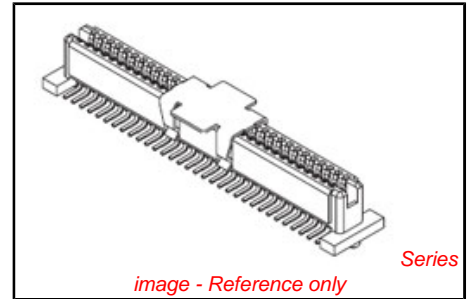
Circuits (Loaded) 64  
 Color - Resin Natural  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Mated Height 10.00mm (.394"), 8.00mm (.315"), 9.00mm (.354")  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm (.063")  
 Packaging Type Tube  
 Pitch - Mating Interface 1.00mm (.039")  
 Plating min - Mating 0.762µm (30µ")  
 Plating min - Termination 1.905µm (75µ")  
 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 1A  
 Voltage - Maximum 100V

**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



**EU RoHS**

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

**China RoHS**



**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**

[71439Series](#)

**Mates With**

[714360](#) for Stack Height 8.00mm (.315"),  
[714361](#) for Stack Height 9.00mm (.354"),  
[714362](#) for Stack Height 10.00mm (.394")

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-70873-013, PK-70873-063

PS-71436-9999, RPS-71436-002, RPS-71436-003

SDA-71439-0\*\*\*

This document was generated on 01/14/2011

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