

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1718130008

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

3.96mm Pitch, KK® 396 RPC Vertical Header with Friction Lock, Tin (Sn) Plating, Pin Length 17.02mm, Bag, 8 Circuits

Documents:

3D Model

Product Specification PS-171813-0002 (PDF)

Drawing (PDF)

Test Summary TS-171813-0001 (PDF)

Product Specification PS-171813-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

171813

Application

Board-to-Board, Power, Signal, Wire-to-Board

Comments

See Product Specification for maximum current rating by material, AWG, and orientation.<br><br>See Product Specification for operating temperature range by material.

Overview

KK® Interconnect System - Molex

Product Name

KK® 396

UPC

887191375359

Physical

Breakaway

No

Circuits (Loaded)

8

Circuits (maximum)

8

Color - Resin

Black

Durability (mating cycles max)

25

First Mate / Last Break

No

Flammability

94V-1

Glow-Wire Compliant

Yes

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Matte Tin

Material - Plating Termination

Matte Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

2.572/g

Number of Rows

1

Orientation

Vertical

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

3.96mm

Plating min - Mating

1.524µm

Plating min - Termination

1.524µm

Polarized to Mating Part

Yes

Shrouded

Partial

Stackable

No

Surface Mount Compatible (SMC)

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

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

Green Image

Not Relevant

Search Parts in this Series

171813 Series

Mates With

2145 , 41815 , 6442 , 2139 , 41695

|                                                |                                 |
|------------------------------------------------|---------------------------------|
| Temperature Range - Operating                  | -40°C to +105°C, -40°C to +80°C |
| Termination Interface: Style                   | Through Hole                    |
| <b>Electrical</b>                              |                                 |
| Current - Maximum per Contact                  | 5.0A, 7.0A                      |
| Voltage - Maximum                              | 250V                            |
| <b>Solder Process Data</b>                     |                                 |
| Duration at Max. Process Temperature (seconds) | 030                             |
| Lead-freeProcess Capability                    | SMC&WAVE                        |
| Max. Cycles at Max. Process Temperature        | 003                             |
| Process Temperature max. C                     | 260                             |
| <b>Material Info</b>                           |                                 |
| <b>Reference - Drawing Numbers</b>             |                                 |
| Product Specification                          | PS-171813-0001, PS-171813-0002  |
| Sales Drawing                                  | SD-171813-0001                  |
| Test Summary                                   | TS-171813-0001                  |

This document was generated on 06/22/2015

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