

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022288192](#)
Status: **Contact Molex**
Description: 2.54mm (.100") Pitch KK® Header, Breakaway, Right Angle Surface Mount
Compatible, 19 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Mating Pin Length
6.20mm (.244")

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-10-07 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [42377](#)
Application Board-to-Board, Signal, Wire-to-Board
Application Tooling Part Link 011201230
Product Name KK®

Physical

Breakaway Yes
Circuits (Loaded) 19
Circuits (maximum) 19
Durability (mating cycles max) 100
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part None
Material - Plating Mating Gold
Number of Rows 1
Orientation Right Angle
PC Tail Length 3.05mm (.120")
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm (.063")
Packaging Type Bag
Pitch - Mating Interface 2.54mm (.100")
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating 0°C to +75°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 4A
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 235

Material Info

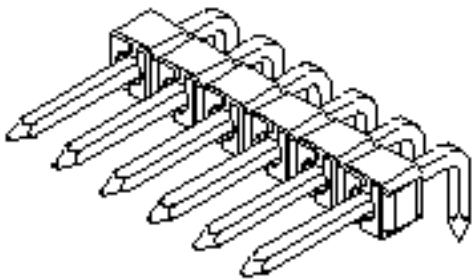


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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

Email 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

[42377Series](#)

Mates With

[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#) , [70430](#)
 , [7859](#) , L ink:[90148](#), [90147](#) , [70400a](#) ,
[70066a](#) , [40556](#)

Old Part Number

42377-0089

Reference - Drawing Numbers

Product Specification

PS-10-07

Sales Drawing

SD-42377-001

This document was generated on 01/25/2011

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION