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Part Number: [22-28-9242](#)
Status: **Active**
Description: 2.54mm Pitch KK® Header, Breakaway, Right Angle Surface Mount Compatible, 24 Circuits, 0.38µm Gold (Au) Selective Plating, Mating Pin Length 6.20mm, with Kinked PC Tails

Documents:
[3D Model](#) [Product Specification PS-10-07 \(PDF\)](#)
[Drawing \(PDF\)](#) [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 11-20-1230
Product Name KK®
UPC 800753823716

Physical

Breakaway Yes
Circuits (Loaded) 24
Circuits (maximum) 24
Durability (mating cycles max) 100
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part None
Material - Plating Mating Gold
Net Weight 1.932/g
Number of Rows 1
Orientation Right Angle
PC Tail Length 3.43mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Bag
Pitch - Mating Interface 2.54mm
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating See Product Specification
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



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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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

KK® Crimp Housing 2695 , [6471](#) , [7880](#) ,
KK® PC Board Connector [4455](#)

Material Info

Old Part Number 42377-0234

Reference - Drawing Numbers

Product Specification PS-10-07
Sales Drawing SD-42377-001

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