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Part Number: [22-43-8101](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: 2.50mm Pitch SPOX™ Header, Shrouded, In-line Footprint, 10 Circuits, Red

Documents:

[3D Model](#) [Application Specification AS-42249-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-42219-0001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [42267](#)
 Application Signal, Wire-to-Board
 Overview [KK® Interconnection System](#)
 Product Name SPOX™

Physical

Breakaway No
 Circuits (Loaded) 10
 Circuits (maximum) 10
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Plating Mating Tin
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.30mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 2.50mm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Partial
 Stackable No
 Temperature Range - Operating 0°C to +75°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3A
 Voltage - Maximum 250V

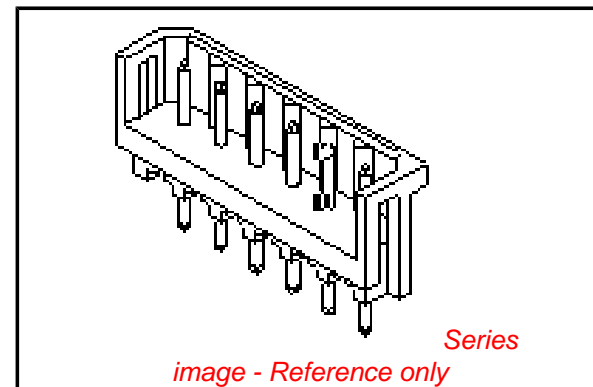
Solder Process Data

Lead-free Process Capability Wave Capable (TH only)
 Process Temperature max. C 230

Material Info

Reference - Drawing Numbers

Application Specification AS-42249-001



EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

[42267Series](#)

Mates With

[42219](#)

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