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Part Number: 0022436060
Status: Active
Overview: KK® Interconnect System - Molex
Description: 2.50mm Pitch SPOX™ Header, Shrouded, Staggered Footprint, 6 Circuits, White

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

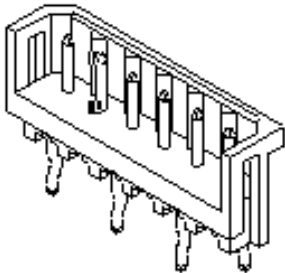
Agency Certification
CSA LR19980
UL E29179

General
Product Family PCB Headers
Series 42249
Application Signal, Wire-to-Board
Overview KK® Interconnect System - Molex
Product Name SPOX™
UPC 800753748293

Physical
Breakaway No
Circuits (Loaded) 6
Circuits (maximum) 6
Color - Resin Natural
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part None
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Net Weight 0.501/g
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
Plating min - Mating 2.540µm
Plating min - Termination 2.540µm
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 3.0A
Voltage - Maximum 250V

Solder Process Data
Duration at Max. Process Temperature (seconds) 005



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/01/2017 (12
January 2017)
Halogen-Free
Status
Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
[42249 Series](#)

Mates With
[42219](#)

Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	A-42249-6A
Reference - Drawing Numbers	
Application Specification	AS-42249-001-001
Packaging Specification	PK-42249-0001
Product Specification	PS-42219-0001-001
Sales Drawing	SDA-42249-*

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