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Part Number:

0022436100

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

2.50mm Pitch SPOX™ Header, Shrouded, Staggered Footprint, 10 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

800753755727

Physical

Breakaway

No

Circuits (Loaded)

10

Circuits (maximum)

10

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

0.801/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

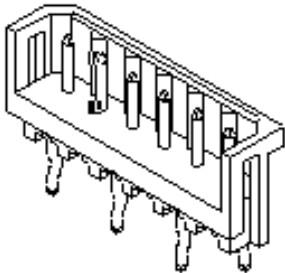
Voltage - Maximum

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-42249-10A
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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