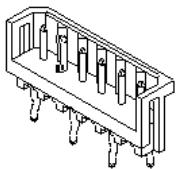



Part Number: 22-44-7024
2.50mm Pitch SPOX™ Header, Shrouded, Staggered Footprint, 2 Circuits, Orange

Series image - Reference only

Status: Planned for Obsolescence
Series: 42249
Category: PCB Headers
Old Part Number: 42249-02E

Mates With Part(s):
[42219](#)
Product Environmental Compliance
EU RoHS: ELV and RoHS Compliant

China RoHS:
REACH SVHC:
Low-Halogen Status: Not Reviewed

Part Detail
General

| | |
|---------------------|--------------------------|
| Status | Planned for Obsolescence |
| Category | PCB Headers |
| Series | 42249 |
| Application | Signal, Wire-to-Board |
| Product Name | SPOX™ |

Physical

| | |
|--------------------------------|--------------|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| 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 |
| 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
(Please review the Product Specification for specific details.)

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

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

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

Reference - Drawing Numbers

| | |
|---------------------------|---------------|
| Application Specification | AS-42249-001 |
| Product Specification | PS-42219-0001 |
| Sales Drawing | SDA-42249-* |

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)