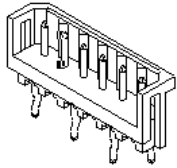


**Part Number: 22-44-7024****2.50mm Pitch SPOX™ Header, Shrouded, Staggered Footprint, 2 Circuits, Orange**

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**

<b>Status</b>	<b>Planned for Obsolescence</b>
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](#)