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Part Number: [0942422318](#)
Status: **Active**
Description: 2.54mm (.100") Pitch, MOX Header, 2.54mm (.100") Grid, Through Hole, PCT, Vertical, 18 Circuit, White

Documents:

- | | |
|---|--|
| Packaging Specification (PDF) | Drawing (PDF) |
| Test Summary (PDF) | Product Specification PS-94242-001 (PDF) |
| 3D Model | RoHS Certificate of Compliance (PDF) |

General

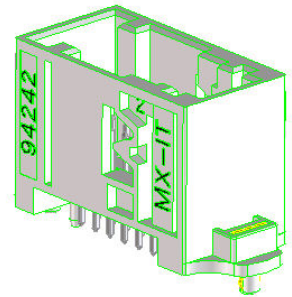
Product Family	PCB Headers
Series	94242
Application	Wire-to-Board
Product Name	MOX

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural
Durability (mating cycles max)	100
First Mate / Last Break	No
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.114 In
PC Tail Length (mm)	2.90 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	120
Plating min: Mating (µm)	3
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	6A
Voltage - Maximum	125V



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



**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

[94242Series](#)

Mates With

[98695](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	265

Material Info

Reference - Drawing Numbers

Product Specification	PS-94242-001
Sales Drawing	SD-94242-003

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