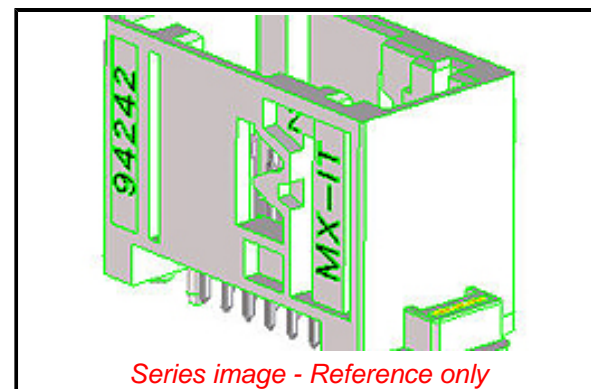


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Part Number: [0942422318](#)
Status: **Active**
Overview: MOX Products
Description: 2.54mm Pitch, MOX Header, 2.54mm Grid, Through Hole, PCT, Vertical, 18 Circuit, White

Documents:

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



General

Product Family	PCB Headers
Series	94242
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	6.0
Overview	MOX Products
PITCH-MATING-NUMERIC	2.54
Product Name	MOX
UPC	822348143887

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural
Durability (mating cycles max)	100
First Mate / Last Break	No
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.012/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.90mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	6.0A
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EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[94242 Series](#)

Mates With

[98695](#)

Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
Lead-free Process Capability SMC&WAVE
Max. Cycles at Max. Process Temperature 002
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Packaging Specification PK-94242-001
Product Specification PS-94242-001-001
Sales Drawing SD-94242-003
Test Summary TS-94242-001-001

This document was generated on 09/25/2019

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