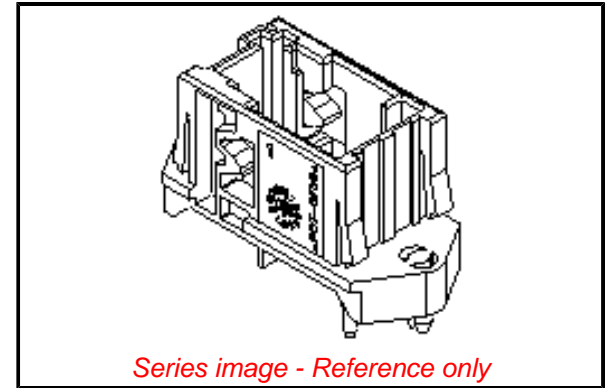


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0942460012](#)  
**Status:** **Active**  
**Overview:** MOX Products  
**Description:** 2.54mm Pitch, MOX Header, 2.54mm Grid, Through Hole, PCT, Vertical, 12 Circuit, Brown

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-94246-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-94246-001-001 (PDF)</a>
<a href="#">Product Specification PS-94246-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	PCB Headers
Series	<a href="#">94246</a>
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	6.0
Overview	<a href="#">MOX Products</a>
PITCH-MATING-NUMERIC	2.54
Product Name	MOX
UPC	822348832347

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	100
First Mate / Last Break	No
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	4.830/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	4.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating 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
Voltage - Maximum	125V

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Not Relevant**

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

China ROHS

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[94246 Series](#)

**Mates With**

[98695](#)

**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-94246-001
Product Specification	PS-94246-001-001
Sales Drawing	SD-94246-001
Test Summary	TS-94246-001-001

This document was generated on 07/26/2019

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