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**Part Number:** [94246-0012](#)  
**Status:** **Active**  
**Overview:** [MOX Products](#)  
**Description:** 2.54mm Pitch, MOX Header, 2.54mm Grid, Through Hole, PCT, Vertical, 12 Circuit, Brown

**Documents:**

[3D Model](#) [Test Summary TS-94246-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-94246-001 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">94246</a>
Application	Power, Wire-to-Board
Overview	<a href="#">MOX Products</a>
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 Compliant	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	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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	5
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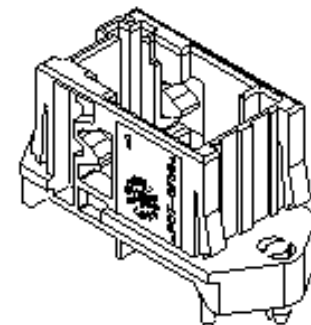


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Series

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[94246Series](#)

**Mates With**

[98695](#)

Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	260

### **Material Info**

### **Reference - Drawing Numbers**

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

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