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**Part Number:** [94240-2818](#)  
**Status:** **Active**  
**Overview:** MOX Products  
**Description:** 2.54mm Pitch, MOX Header, 3.50mm Grid, Through Hole, SPS, Vertical, 18 Circuit, Black

**Documents:**

[3D Model](#) [Test Summary TS-94240-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-94240-001 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">94240</a>
Application	Power, Wire-to-Board
Overview	<a href="#">MOX Products</a>
Product Name	MOX
UPC	822350818766

**Physical**

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural
Durability (mating cycles max)	100
Glow-Wire Compliant	No
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.835/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	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	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +105°C
Termination Interface: Style	Through Hole

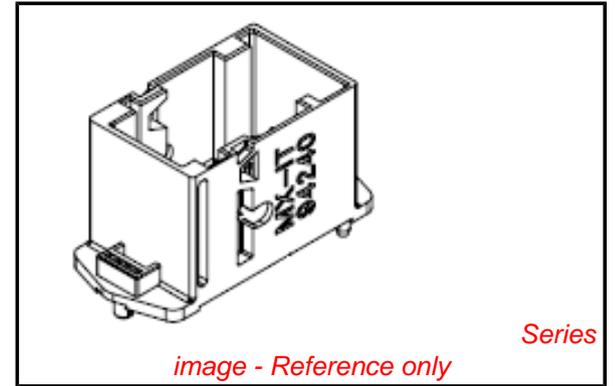
**Electrical**

Current - Maximum per Contact	6.0A
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-94240-001
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**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**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**

[94240Series](#)

**Mates With**

[98695](#)

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