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**Part Number:** [0942422118](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch, MOX Header, 3.50mm (.137") Grid, Through Hole, SPS, Vertical, 18 Circuit, Black

**Documents:**

[3D Model](#) [Product Specification PS-94242-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [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  
 Glow-Wire Compliant No  
 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 Thickness Recommended (in) 0.063 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  
 Pitch - Term. Interface (in) 0.100 In  
 Pitch - Term. 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 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 6A  
 Voltage - Maximum 125V

**Material Info**

**Reference - Drawing Numbers**

**EU RoHS**

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

**China RoHS**



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This document was generated on 04/22/2010

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