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**Part Number:** [31387-4009](#)  
**Status:** **Active**  
**Overview:** MX123™ Sealed Connection System  
**Description:** 2.54mm Pitch, MX123™ Female Header, 80 Circuits Shrouded Assembly, 0.64mm Square Pins, Harness Side Key Code H, Gray

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-34566-0000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-31386-200 (PDF)</a>
<a href="#">Product Specification PS-31387-200 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Headers
Series	31387
Application	Power, Wire-to-Board
Overview	MX123™ Sealed Connection System
Product Name	MX123
UPC	822348860678

**Physical**

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Gray
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon Alloy
Net Weight	23.260/g
Number of Rows	4
Orientation	Vertical
PC Tail Length	6.50mm
PCB Locator	No
PCB Retention	None
Packaging Type	Carton
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Termination Interface: Style	Through Hole

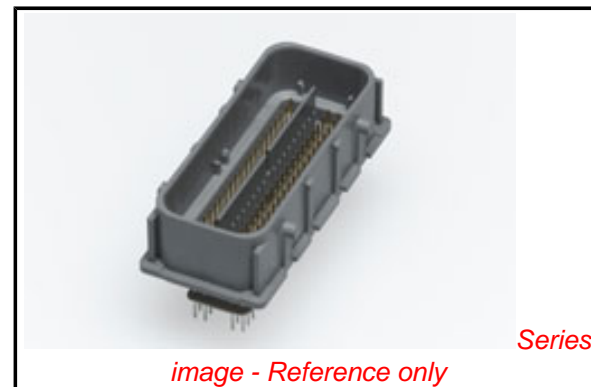
**Electrical**

Current - Maximum per Contact	11A
Voltage - Maximum	500V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-31386-200
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**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**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**

31387Series

**Mates With**

MX123™ Female Receptacle Housing  
 34566 , 34576

**Use With**

33467 MX64 Female Terminals

This document was generated on 06/03/2013

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