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**Part Number:** [0345661903](#)  
**Status:** **Active**  
**Overview:** MX123™ Sealed Connection System  
**Description:** 2.54mm Pitch, MX123™ Female Receptacle Housing, Keying Option G, Wire Dress Option 9, 80 Circuits, Blue TPA

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification TS-34566-1546-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-34566-001-001 (PDF)</a>
<a href="#">Product Specification PS-34566-0000-001 (PDF)</a>	<a href="#">Packaging Specification PK-31300-019 (PDF)</a>
<a href="#">Product Specification TS-34566-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Crimp Housings
Series	<a href="#">34566</a>
Application	Power, Wire-to-Board
Comments	See Sales Drawing for number of Open Circuits
Overview	<u>MX123™ Sealed Connection System</u>
Product Name	MX123
UPC	822350127790

**Physical**

Circuits (maximum)	80
Circuits Detail	80
Color - Resin	Blue
Gender	Receptacle
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	51.245/g
Number of Rows	4
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +125°C

**Electrical**

Current - Maximum per Contact	11.0A, 25.0A
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**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-34566-001-001
Packaging Specification	PK-31300-019
Product Specification	PS-34566-0000-001, TS-34566-002-001, TS-34566-1546-001
Sales Drawing	12642695-001, 12672832-001, 12672833-001, SD-34566-001-000

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/30/2017 (7 July 2017)

**Halogen-Free**

**Status**

**Not Relevant**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Relevant
ELV	Compliant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[34566 Series](#)

**Mates With**

MX123™ Header [31386](#) , [31387](#)

**Use With**

MX64™ Female Terminals [33467](#) (AWG, Gold) <br>MX64™ Female Terminals [34736](#) (AWG, Silver) <br>MX64™ Female Terminals [34736](#) (ISO, Silver)

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