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Part Number: [0345662003](#)
Status: **Active**
Overview: [MX123 Sealed Connection System](#)
Description: 2.54mm Pitch, MX123 Female Receptacle Housing, Keying Option H, Wire Dress Option 9, 80 Circuits, Gray TPA

Documents:

| | |
|---|--|
| 3D Model | Packaging Specification PK-31300-019-001 (PDF) |
| Drawing (PDF) | Test Summary TS-34566-002-001 (PDF) |
| 3D Model (PDF) | Test Summary TS-34566-1546-001 (PDF) |
| Product Specification PS-34566-0000-001 (PDF) | Datasheet (PDF) |
| Application Specification 345660001-AS-CH-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-34566-001-001 (PDF) | |

General

| | |
|----------------|--|
| Product Family | Crimp Housings |
| Series | 34566 |
| Application | Automotive, Power, Wire-to-Board |
| Comments | See Sales Drawing for number of Open Circuits |
| Overview | MX123 Sealed Connection System |
| Product Name | MX123 |
| UPC | 822350127776 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 80 |
| Circuits Detail | 80 |
| Color - Resin | Gray |
| Gender | Receptacle |
| Glow-Wire Capable | 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° to +125°C |

Electrical

| | |
|-------------------------------|--------------|
| Current - Maximum per Contact | 11.0A, 25.0A |
|-------------------------------|--------------|

Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | 345660001-AS-CH-000, AS-34566-001-001 |
| Packaging Specification | PK-31300-019-001 |
| Product Specification | PS-34566-0000-001 |
| Sales Drawing | 12642695-001, 12672833-001, 345660001-SD-000, 345668001-001, SD-34566-001-000 |
| Test Summary | TS-34566-002-001, TS-34566-1546-001 |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Not Relevant

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Not Relevant

Compliant

Not Contained

Search Parts in this Series

[34566 Series](#)

Mates With

MX123 Header [31386](#) , [31387](#)

Use With

MX64 Female Terminals [33467](#) (AWG, Gold)
MX64 Female Terminals [34736](#) (AWG, Silver)
MX64 Female Terminals [34736](#) (ISO, Silver)

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