



**Part Number :** [345760703](#)  
**Product Description :** 2.54mm Pitch, MX123 Female  
Receptacle Housing, Keying Option G, Wire Dress  
Option 0, 56 Circuits, Blue TPA  
**Series Number :** 34576  
**Status :** Not Recommended For New Design  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[345760703 sd.pdf](#)  
[PK-31300-019-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

### Specifications

[345660001-AS-CH-000.pdf](#)  
[TS-34566-002-001.pdf](#)  
[TS-34566-1546-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant                                                                                                                                        |
| China RoHS         | Not Relevant                                                                                                                                     |
| EU ELV             | Compliant per 2000/53/EC                                                                                                                         |
| Low-Halogen Status | Not Relevant                                                                                                                                     |
| REACH SVHC         | Contains<br>Dodecamethylcyclohexasiloxane;<br>Decamethylcyclopentasiloxane;<br>Octamethylcyclotetrasiloxane per<br>D(2025)4165-DC (25 June 2025) |
| EU RoHS            | Compliant per EU 2015/863                                                                                                                        |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

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## Part Details

### General

|              |                                                                                                            |
|--------------|------------------------------------------------------------------------------------------------------------|
| Status       | Not Recommended For New Design                                                                             |
| Category     | Connector Housings                                                                                         |
| Series       | 34576                                                                                                      |
| Description  | 2.54mm Pitch, MX123 Female Receptacle Housing, Keying Option G, Wire Dress Option 0, 56 Circuits, Blue TPA |
| Application  | Automotive, Power, Wire-to-Board                                                                           |
| Comments     | See Sales Drawing for number of Open Circuits                                                              |
| Product Name | MX123                                                                                                      |
| UPC          | 822348356713                                                                                               |

### Physical

|                       |            |
|-----------------------|------------|
| Circuits Detail       | 56         |
| Circuits (maximum)    | 56         |
| Color - Resin         | Blue       |
| Gender                | Receptacle |
| Glow-Wire Capable     | No         |
| Keying to Mating Part | Yes        |

|                               |                |
|-------------------------------|----------------|
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 41.804/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 |

### Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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## Mates With / Use With

### Mates with Part(s)

| Description                      | Part Number  |
|----------------------------------|--------------|
| MX123 Shrouded Header Assemblies | <u>31386</u> |
| MX123 Shrouded Header Assemblies | <u>31387</u> |

### Use with Part(s)

| Description           | Part Number  |
|-----------------------|--------------|
| MX64 Female Terminals | <u>33467</u> |
| MX64 Female Terminals | <u>34736</u> |