

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1600783009

Status:

Active

Overview:

MX150 Sealed and Unsealed Connector System

Description:

MX150 Hybrid Mat-Sealed Female Connector Assembly, Dual Row, 8 Circuits, Keying Option D, with Connector Position Assurance, Stone Gray

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Application Specification 1601110001-AS-000 (PDF)

Packaging Specification PK-31300-903-001 (PDF)

Test Summary TS-160076-2401G-001 (PDF)

Test Summary TS-160076-2401U-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                                                                                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General                        |                                                                                                                                                                                         |
| Product Family                 | Crimp Housings                                                                                                                                                                          |
| Series                         | 160078                                                                                                                                                                                  |
| Application                    | Power, Wire-to-Wire                                                                                                                                                                     |
| Comments                       | with Connector Position Assurance (CPA)                                                                                                                                                 |
| More Detailed Tech Information | <a href="http://uscar.org/guest/teams/10/Electrical-Wiring-Component-Applications-Partnership">http://uscar.org/guest/teams/10/Electrical-Wiring-Component-Applications-Partnership</a> |
| Overview                       |                                                                                                                                                                                         |
| Product Name                   | MX150                                                                                                                                                                                   |
| UPC                            | 889056377560                                                                                                                                                                            |
| Physical                       |                                                                                                                                                                                         |
| Circuits (maximum)             | 8                                                                                                                                                                                       |
| Color - Resin                  | Stone Gray                                                                                                                                                                              |
| Gender                         | Receptacle                                                                                                                                                                              |
| Glow-Wire Capable              | No                                                                                                                                                                                      |
| Keying to Mating Part          | Yes                                                                                                                                                                                     |
| Lock to Mating Part            | Yes                                                                                                                                                                                     |
| Material - Resin               | Nylon                                                                                                                                                                                   |
| Net Weight                     | 22.500/g                                                                                                                                                                                |
| Number of Rows                 | 2                                                                                                                                                                                       |
| Packaging Type                 | Partitioned Carton                                                                                                                                                                      |
| Panel Mount                    | No                                                                                                                                                                                      |
| Pitch - Mating Interface       | 3.50mm                                                                                                                                                                                  |
| Polarized to Mating Part       | Yes                                                                                                                                                                                     |
| Stackable                      | No                                                                                                                                                                                      |
| Temperature Range - Operating  | -40° to +125°C                                                                                                                                                                          |

Material Info

Reference - Drawing Numbers

|                           |                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------|
| Application Specification | 1601110001-AS-000                                                                                |
| Packaging Specification   | PK-31300-903-001                                                                                 |
| Sales Drawing             | 999-S-008-2-Z01, 999-S-010-2-Z01-001, SD-160076-0001-001, SD-160076-0002-001, SD-160117-0001-001 |
| Test Summary              | TS-160076-2401_G-001, TS-160076-2401_U-001                                                       |



Series image - Reference only

|                                                               |              |
|---------------------------------------------------------------|--------------|
| EU ELV                                                        |              |
| Not Reviewed                                                  |              |
| EU RoHS                                                       | China RoHS   |
| Not Reviewed                                                  |              |
| REACH SVHC                                                    |              |
| Not Reviewed                                                  |              |
| Halogen-Free                                                  |              |
| Status                                                        |              |
| Not Reviewed                                                  |              |
| For more information, please visit <a href="#">Contact US</a> |              |
| China ROHS                                                    | Not Reviewed |
| ELV                                                           | Not Reviewed |
| RoHS Phthalates                                               | Not Reviewed |

Search Parts in this Series  
160078 Series

Mates With  
Micro Power Distribution Box 200316

Use With  
MX150 Female Terminal 33012 , 33001  
<br>Industry Standard Terminal 2.80mm