molex



Part Number : 1511000010
Product Description : 2.00mm Pitch Milli-Grid Receptacle Housing, 10 Circuits, Lead-Free, Black
Series Number : 151100
Status : Active
Product Category : Connector Housings

Documents & Resources

Drawings

1511000010_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

503940001-AS-000.pdf

PS-151062-0001-001.pdf

PS-151098-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per 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

Part Details

General

Status	Active
Category	Connector Housings
Series	151100
Description	2.00mm Pitch Milli-Grid Receptacle Housing, 10 Circuits, Lead-Free, Black
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	Milli-Grid
UPC	889056675659

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	10
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes

Material - Resin	PBT
Net Weight	0.543/g
Number of Rows	1
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +70°C

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Milli-Grid Vertical, Single Row, Surface Mount Headers	151062
Milli-Grid Vertical, Single Row, Through Hole Headers	151063
Milli-Grid Right-Angle, Single Row, Surface Mount Headers	151064
Milli-Grid Right-Angle, Single Row, Through Hole Headers	151065
Milli-Grid Single Row Plug Housings	151098

Use with Part(s)

Description	Part Number
Pre-Crimped Lead Milli-Grid Female-to-Milli-Grid Female, Gold (Au) Plating, 150.00mm Length, 24 AWG, Black	797581095
Pre-Crimped Lead Milli-Grid Female-to-Milli-Grid Female, Gold (Au) Plating, 300.00mm Length, 24 AWG, Black	797581096

Milli-Grid Female Crimp Terminals	50394