Part Number : 989821021
Product Description : 2.54mm Pitch MOX Receptacle Kit, 4 Rows, 40 Circuits, Black
Series Number : 98982
Status : Active
Product Category : Connector Housings
Engineering Part Number : 52591EV40M1

Documents and Resources

Drawings

989821021_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-98982-001-001.pdf

PK-98982-001-001.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	Not Contained per D(2025)6375-DC (05 Nov 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	98982
Description	2.54mm Pitch MOX Receptacle Kit, 4 Rows, 40 Circuits, Black
Application	Power, Wire-to-Board
Product Name	MOX
UPC	822348817245

Physical

Circuits Detail	40
Circuits (maximum)	40
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	8.350/g
Number of Rows	4
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.54mm

Pitch - Termination Interface	2.54mm
Polarized to Mating Part	Yes
Ports	1
Stackable	No
Temperature Range - Operating	-40° to +125°C

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	Please Contact Molex for Details

Use with Part(s)

Description	Part Number
MOX Female Crimp Terminals	98658

Application Tooling

Global

Description	Part Number
Extractor Tool for MOX 0.635mm Receptacle Crimp Terminals	638138400