Part Number : 5023510701
Product Description : DuraClik Wire-to-Board Receptacle Housing, Single Row, 7 Circuits, Black
Series Number : 502351
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

5023510701_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PK-502351-001-001.pdf

PS-502351-001-001.pdf (Tin Plating)

PS-502351-002-001.pdf (Gold Plating)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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	502351
Description	DuraClik Wire-to-Board Receptacle Housing, Single Row, 7 Circuits, Black
Application	Automotive, Wire-to-Board
Comments	Molex part has an inner-locking system versus an outer-locking system. Molex part with tail protection feature.
Component Type	Receptacle
Product Name	DuraClik
UPC	887191427287

Physical

Circuits (maximum)	7
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester Alloy
Net Weight	0.297/g
Number of Rows	1

Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Polarized to Mating Part	Yes
Sealed	Unsealed
Stackable	No
Temperature Range - Operating	-40° to +105°C
Terminal Size	0.635

Mates With / Use With

Mates with Part(s)

Description	Part Number
DuraClik Right-Angle Single Row Headers	502352
DuraClik Vertical Single Row Headers	560020

Use with Part(s)

Description	Part Number
Pre-Crimped Lead DuraClik Female-to-DuraClik Female, Tin (Sn) Plating, 150.00mm Length, 26 AWG, Black	797581008
Pre-Crimped Lead DuraClik Female-to-DuraClik Female, Tin (Sn) Plating, 300.00mm Length, 26 AWG, Black	797581009
DuraClik Female Crimp Terminals	560085
Micro-Latch Female Crimp Terminals	50212
DuraClik Female Terminals	56161