



Part Number : [5051510700](#)
Product Description : DuraClik TPA Wire-to-Board Receptacle Housing, 7 Circuits, Black
Series Number : 505151
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings
[5051510700_sd.pdf](#)

3D Models and Design Files
[5051510700_stp.zip](#)

Specifications
[AS-505151-002-001.pdf](#)
[AS-505151-001-001.pdf](#)
[5051519200-200.pdf](#)
[5051510002-000.pdf \(Gold Plating\)](#)
[PS-505151-001-001.pdf \(Tin Plating\)](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Connector Housings
Series	505151
Description	DuraClik TPA Wire-to-Board Receptacle Housing, 7 Circuits, Black
Application	Automotive, Signal, Wire-to-Board
Product Name	DuraClik
UPC	887191733753

Agency

UL	E29179
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Physical

Circuits (maximum)	7
Color - Resin	Black
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyamide
Net Weight	302.700/mg
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
Ports	1
Stackable	No
Temperature Range - Operating	-40° to +125°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
DuraClik Right-Angle Single Row Headers	<u>502352</u>
DuraClik Vertical Single Row Headers	<u>560020</u>

Use with Part(s)

Description	Part Number
DuraClik 2-Way Terminal Position Assurance (TPA) Retainers	<u>505152</u>
DuraClik TPA Female Crimp Terminals	<u>505153</u>
DuraClik TPA Female Crimp Terminals	<u>505487</u>