



Part Number : [5051511000](#)

Product Description : DuraClik TPA Wire-to-Board Receptacle Housing, 10 Circuits, Black

Series Number : 505151

Status : Active

Product Category : Connector Housings



Documents & Resources

Drawings

[Drawing 5051511000_sd.pdf](#)

3D Models and Design Files

[3D Model 5051511000_stp.zip](#)

Specifications

[Application Specification AS-505151-002-001.pdf](#)

[Packaging Specification 5051519200-200.pdf](#)

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(2023)3788-DC (14 Jun 2023) |
| 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, 10 Circuits, Black |
| Application | Automotive, Signal, Wire-to-Board |
| Product Family | DuraClik Connector System |
| Product Name | DuraClik |
| UPC | 887191733784 |

Agency

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Physical

| | |
|-------------------------------|-----------------|
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Flammability | 94V-2 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester Alloy |
| Net Weight | 394.900/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> |