**Part Number :** 5051511400
**Product Description :** DuraClik TPA Wire-to-Board Receptacle Housing, 14 Circuits, Black
**Series Number :** 505151
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

5051511400_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### 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 | per SJ/T 11365-2006 |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | 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

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- 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Connector Housings |
| Series | 505151 |
| Description | DuraClik TPA Wire-to-Board Receptacle Housing, 14 Circuits, Black |
| Application | Automotive, Signal, Wire-to-Board |
| Product Name | DuraClik |
| UPC | 887191735122 |

### Agency

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

### Physical

| | |
|---|---|
| Circuits (maximum) | 14 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyamide (PA) |

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| | |
|---|---|
| Net Weight | 516.000/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 |
| 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 | 502352 |
| DuraClik Vertical Single Row Headers | 560020 |

### Use with Part(s)

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



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