

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [505151-0500](#)  
**Status:** **Active**  
**Overview:** [DuraClik™ Connector System](#)  
**Description:** [DuraClik™ TPA Wire-to-Board Receptacle Housing, 5 Circuits, Gray](#)

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification SPK-505151-001 \(PDF\)](#)  
[Product Specification PS-505151-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family [Crimp Housings](#)  
Series [505151](#)  
Application [Signal, Wire-to-Board](#)  
Overview [DuraClik™ Connector System](#)  
Product Name [DuraClik™](#)  
UPC [887191733739](#)

**Physical**

Circuits (maximum) [5](#)  
Color - Resin [Black](#)  
Gender [Receptacle](#)  
Glow-Wire Compliant [No](#)  
Keying to Mating Part [Yes](#)  
Lock to Mating Part [Yes](#)  
Material - Resin [Polyester Alloy](#)  
Net Weight [242.200/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°C to +105°C](#)

**Electrical**

Current - Maximum per Contact [3A](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification [SPK-505151-001](#)  
Product Specification [PS-505151-001, RPS-505151-001, RPS-505151-002, RPS-505151-003, RPS-505151-004](#)  
Sales Drawing [SD-505151-001](#)

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[505151Series](#)

**Mates With**

[502352](#) DuraClik™ Wire-to-Board Right-Angle Header, [560020](#) DuraClik™ Wire-to-Board Vertical Header

**Use With**

[505153](#) DuraClik™ TPA Terminal