



Part Number : [5023510800](#)

Product Description : DuraClik Wire-to-Board Receptacle Housing, Single Row, 8 Circuits, Natural

Series Number : 502351

Status : Active

Product Category : Connector Housings

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## Documents & Resources

### Drawings

[Drawing 5023510800\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 5023510800\\_stp.zip](#)

### Specifications


[Packaging Specification PK-502351-001-001.pdf](#)

[Product Specification PS-502351-002-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
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

## Part Details

### General

Status	Active
Category	Connector Housings
Series	502351
Description	DuraClik Wire-to-Board Receptacle Housing, Single Row, 8 Circuits, Natural
Application	Automotive, Signal, Wire-to-Board
Comments	Molex part has an inner-locking system versus an outer-locking system. Molex part with tail protection feature.
Product Family	DuraClik Connector System
Product Name	DuraClik
UPC	800756666877

### Physical

Circuits (maximum)	8
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Net Weight	328.000/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C

### Solder Process Data

Lead-Free Process Capability	N/A
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## 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
Pre-Crimped Lead DuraClik Female-to-DuraClik Female, Tin (Sn) Plating, 150.00mm Length, 26 AWG, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797581008.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797581008.html</a>
Pre-Crimped Lead DuraClik Female-to-DuraClik Female, Tin (Sn) Plating, 300.00mm Length, 26 AWG, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797581009.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797581009.html</a>
DuraClik Female Crimp Terminals	<u>560085</u>
Micro-Latch Female Crimp Terminals	<u>50212</u>
DuraClik Female Terminals	<u>56161</u>