Part Number : 5023520310

Product Description : DuraClik Wire-to-Board Header, Single Row, Right-Angle, 3 Circuits, Gold (Au) Plating, Natural

Series Number : 502352

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing_5023520310_sd.pdf

3D Models and Design Files

3D Model_5023520310_stp.zip

Specifications

Packaging Specification_PK-502352-002-JP-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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(2024)4144-DC (27 June 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
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	502352
Description	DuraClik Wire-to-Board Header, Single Row, Right-Angle, 3 Circuits, Gold (Au) Plating, Natural
Application	Automotive, Signal, Wire-to-Board
Comments	The Operating Temperature Range when used with DuraClik series 502351 is -40°C to +105°C. It is -40°C to 125°C when used with DuraClik ISL series 560123 or TPA series 505151.
Component Type	PCB Header
Product Family	DuraClik Connector System
Product Name	DuraClik
UPC	884982861879

Agency

UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	125V

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No

Flammability	SC-0
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	Polyamide
Net Weight	0.400/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	255

Mates With / Use With

Mates with Part(s)

Description	Part Number
DuraClik Single Row Receptacle Housings	502351
DuraClik TPA Single Row Receptacle Housings	505151

DuraClik ISL Single Row Receptacle Housings	560123

This document was generated on Sep 15, 2024

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

430450225 439151216 447691602 152670357 190990010 190670071 190730231 417920538 436803002 459705185 0436802002 398800403 447641402 5046940301 151670255 444280402 447642001 0190690033 190690096 430451220 759001161 152670251 152670269 760475001 0190700155 0436400901 151660057 152660117 190990009 397730002