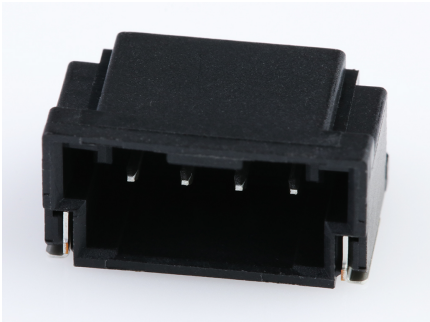
Part Number : 5023520401
Product Description : DuraClik Wire-to-Board Header, Single Row, Right-Angle, 4 Circuits, Tin (Sn) Plating, Black
Series Number : 502352
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
5023520401_sd.pdf

3D Models and Design Files
5023520401_stp.zip

Specifications
PK-502352-002-JP-001.pdf
PS-502351-001-001.pdf (Tin Plating)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 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)6225-DC (07 Nov 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, 4 Circuits, Tin (Sn) Plating, Black
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 Name	DuraClik
UPC	887191427331

Agency

UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
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	Tin
Material - Resin	Polyamide
Net Weight	0.595/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 Mar 13, 2025