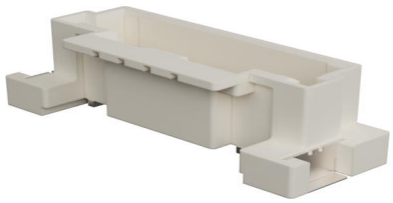
Part Number : 5600200820
Product Description : DuraClik Wire-to-Board Header, Single Row, Vertical, 8 Circuits, Tin (Sn) Over Nickel, Natural
Series Number : 560020
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

5600200820_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PK-560020-002-JP-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not 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

- EU RoHS

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- 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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	560020
Description	DuraClik Wire-to-Board Header, Single Row, Vertical, 8 Circuits, Tin (Sn) Over Nickel, Natural
Application	Automotive, 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	887191747347

Agency

UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	125V AC (RMS)/DC

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Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Resin	Polyamide (PA)
Net Weight	1.008/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Sealed	Unsealed
Stackable	No
Temperature Range - Operating	-40° to +105°C, -40° to +125°C
Termination Interface Style	Surface Mount
Terminal Size	0.635

Solder Process Data

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

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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

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