



Part Number : [5031160102](#)

Product Description : DuraClik Robust Wire-to-Board Crimp Receptacle Terminal, Female, AVSS/AESSX 0.30mm² and 0.50mm² Wire, Tin (Sn) Plating

Series Number : 503116

Status : Active

Product Category : Crimp Terminals



Documents and Resources

Drawings

[5031160102_sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)


[Creo](#)

Specifications

[2065830000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	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
- 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	Crimp Terminals
Series	503116
Description	DuraClik Robust Wire-to-Board Crimp Receptacle Terminal, Female, AVSS/AESSX 0.30mm ² and 0.50mm ² Wire, Tin (Sn) Plating
Application	Automotive, Signal, Wire-to-Board
Product Name	DuraClik
UPC	193264074518

Electrical

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

Physical

Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.222/g
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40-1.50mm, 1.60-1.70mm

Wire Size (AWG)	N/A
Wire Size mm ²	AVSS/AESSX 0.30-0.50

Mates With / Use With

Use with Part(s)

Description	Part Number
DuraClik Robust Dual Row Receptacle Housings	<u>206583</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for DuraClik Robust 2.00mm Pitch Wire-to-Board Receptacle Crimp Terminals, 0.30mm ² and 0.50mm ² AVSS Wire	<u>2133096800</u>
FA2 Mechanical Feed Crimp Applicator for DuraClik Robust Crimp Terminals, 0.30mm ² and 0.50mm ² AVSS Wire	<u>2130694800</u>
Extraction Tool for Nano-Fit Power Connectors/Terminals and DuraClik Robust Connectors/Terminals, 26-20 AWG and 0.30-0.50mm ² Wire	<u>638244600</u>

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