



Part Number : 5018203231

Series Number : 501820

Product Category : PCB Headers and Receptacles

Product Description : 2.50mm, 3.70mm CMC Header, Panel Mount, 32 Circuits, Black

Status : Active


Documents & Resources

Drawings
Drawing 5018203231_sd.pdf

Specifications
Application Specification 5018203231-AS-CH-000.pdf
Application Specification 5018203231-AS-EN-000.pdf
Product Specification 5018203231-PS-000.pdf
Test Summary 5018203231-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
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	PCB Headers and Receptacles
Series	501820
Description	2.50mm, 3.70mm CMC Header, Panel Mount, 32 Circuits, Black
Application	Automotive, Power, Wire-to-Board
Comments	Coding: Gray
Component Type	PCB Header
Product Family	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
UPC	191128916516

Electrical

Current - Maximum per Contact	12.0A
Voltage - Maximum	14V DC

Physical

Breakaway	No
Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black
Durability (mating cycles max)	20
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Stainless Steel
Material - Plating Mating	Tin

Material - Plating Termination	Tin
Material - Resin	PBT
Net Weight	41.150/g
Number of Rows	4
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.50mm, 3.70mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Solder or Weld