




Part Number : [366380002](#)
Product Description : 2.50mm, 3.50mm CMC Header, Right-Angle, 48 Position, 1 Port, Black, Peg, Lead-Free
Series Number : 36638
Status : New Business Not Supported
Product Category : PCB Headers and Receptacles



Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	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	New Business Not Supported
Category	PCB Headers and Receptacles
Series	36638
Description	2.50mm, 3.50mm CMC Header, Right-Angle, 48 Position, 1 Port, Black, Peg, Lead-Free
Application	Automotive, Power, Wire-to-Board
Comments	Carton Box Packing
Component Type	PCB Header
Product Family	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
UPC	822350795654

Electrical

Current - Maximum per Contact	6.0A
Voltage - Maximum	14V DC

Physical

Breakaway	No
Circuits Detail	8 x 1.5mm & 40 x 0.635mm terminals
Circuits (Loaded)	48
Circuits (maximum)	48
Color - Resin	Black
Durability (mating cycles max)	20
First Mate / Last Break	Yes
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	6.70mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester

Net Weight	49.152/g
Number of Rows	4
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.90mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.50mm, 3.50mm, 3.70mm
Plating min - Mating	4.064μm
Plating min - Termination	4.064μm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	8p - 40s
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +100°C
Termination Interface Style	Solder or Weld

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----