Part Number : 366380011
Series Number : 36638
Status : Active - Proprietary



Drawings

366380011_sd.pdf

PK-36638-001-001.pdf

PK-36638-003-001.pdf

Specifications

PS-36638-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
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

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Additional Product Compliance Information

Part Details

General

Status	Active - Proprietary
Category	PCB Headers and Receptacles
Series	36638
Description	2.50mm, 3.50mm CMC Header, Right-Angle, 96 Position, 96 loaded, 2 Port, Black and Brown, Lead-Free
Application	Automotive, Wire-to-Board
Comments	Carton Box Packing
Component Type	PCB Header
Product Name	CMC
UPC	800756747576

Electrical

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

Physical

Breakaway	No
Circuits Detail	16 x 1.5mm & 80 x 0.635mm terminals
Circuits (Loaded)	96
Circuits (maximum)	96
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	No
Mated Height	6.70mm
Material - Metal	Brass

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Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	108.751/g
Number of Rows	4
Orientation	Right Angle
Packaging Type	Partitioned Carton
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	0.80mm, 1.60mm
PC Tail Length	2.90mm
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	16p - 80s
Sealed	Sealed
Shrouded	Shrouded
Stackable	No
Temperature Range - Operating	-40° to +100°C
Termination Interface Style	Solder or Weld
Terminal Size	0.635, 1.5

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
.635mm, 1.50mm, CMC Receptacle, 48 Circuits, Left Wire Output, Brown Coding, Mat Sealed	643201319
.635mm, 1.50mm, CMC	643203311

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Receptacle, 48 Circuits, Right Wire Output, Black Coding, Mat Sealed	

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