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Part Number:

0366380011

Status:

Active

Overview:

CMC and CMX Sealed, Hybrid, Modular Connectors

Description:

2.50mm, 3.50mm CMC Header, Right Angle, 96 Position, 96 loaded, 2 Port, Black and Brown, Lead-Free



Series image - Reference only

|                                                              |                                                            |
|--------------------------------------------------------------|------------------------------------------------------------|
| Documents:                                                   |                                                            |
| <a href="#">3D Model</a>                                     | <a href="#">Packaging Specification PK-36638-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-36638-003 (PDF)</a> |
| <a href="#">Product Specification PS-36638-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |

|                                |                                                |
|--------------------------------|------------------------------------------------|
| General                        |                                                |
| Product Family                 | PCB Headers                                    |
| Series                         | 36638                                          |
| Application                    | Power, Wire-to-Board                           |
| Comments                       | Carton Box Packing                             |
| Overview                       | CMC and CMX Sealed, Hybrid, Modular Connectors |
| Product Name                   | CMC                                            |
| UPC                            | 800756747576                                   |
| Physical                       |                                                |
| (p)ower-(s)ignal Configuration | 16p - 80s                                      |
| Breakaway                      | No                                             |
| Circuits (Loaded)              | 96                                             |
| Circuits (maximum)             | 96                                             |
| Circuits Detail                | 16 x 1.5mm & 80 x 0.635mm terminals            |
| 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                                          |
| Material - Plating Mating      | Tin                                            |
| Material - Plating Termination | Tin                                            |
| Material - Resin               | Polyester                                      |
| Net Weight                     | 116.842/g                                      |
| Number of Rows                 | 4                                              |
| Orientation                    | Right Angle                                    |
| PC Tail Length                 | 2.90mm                                         |
| PCB Locator                    | No                                             |
| PCB Retention                  | None                                           |
| PCB Thickness - Recommended    | 0.80mm, 1.60mm                                 |
| Packaging Type                 | Carton                                         |
| 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                                            |
| Shrouded                       | Closed Ends                                    |
| Stackable                      | No                                             |
| Surface Mount Compatible (SMC) | No                                             |
| Temperature Range - Operating  | -40°C to +100°C                                |
| Termination Interface: Style   | Solder or Weld                                 |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -ED/01/2018 (15 January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[36638](#) Series

Mates With

CMC Receptacle Connector [64320-1319](#) , [64320-3311](#)

Use With

CMC Receptacle Connector [64320-1319](#) , [64320-3311](#) , CMC CP Terminals [64322](#) , [64323](#) , CMC Blind Plug for CP Terminal [64325](#) , Wire Cap [64319-1201](#)

**Electrical**

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

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                         |                            |
|-------------------------|----------------------------|
| Packaging Specification | PK-36638-001, PK-36638-003 |
| Product Specification   | PS-36638-001-001           |
| Sales Drawing           | SD-36638-001               |

This document was generated on 04/16/2018

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