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Part Number:

0366380007

Status:

Active

Overview:

CMC and CMX Sealed, Hybrid, Modular Connectors

Description:

2.50mm, 3.50mm CMC Header, Right Angle, 48 Position, 36 loaded, 1 Port, Brown, Peg, Lead-Free



Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                |
|--------------------------------|------------------------------------------------|
| 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                            | 822350927086                                   |
| Physical                       |                                                |
| (p)ower-(s)ignal Configuration | 6p - 30s                                       |
| Breakaway                      | No                                             |
| Circuits (Loaded)              | 36                                             |
| Circuits (maximum)             | 48                                             |
| Circuits Detail                | 6 x 1.5mm & 30 x 0.635mm terminals             |
| Color - Resin                  | Black                                          |
| Durability (mating cycles max) | 20                                             |
| First Mate / Last Break        | Yes                                            |
| Glow-Wire Compliant            | 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                     | 49.141/g                                       |
| Number of Rows                 | 4                                              |
| Orientation                    | Right Angle                                    |
| PC Tail Length                 | 2.90mm                                         |
| PCB Locator                    | Yes                                            |
| PCB Retention                  | Yes                                            |
| PCB Thickness - Recommended    | 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                                 |

Electrical

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): Yes  
Silicic acid (H2Si2O5), barium salt (1:1), lead-

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

Search Parts in this Series

36638 Series

Mates With

CMC Connectors [64320-1319](#) , [64320-3319](#) , [64320-2319](#) , [64320-4319](#)

Use With

CMC Connectors [64320-1319](#) , [64320-3319](#) , [64320-2319](#) , [64320-4319](#) , CMC CP Terminals [64322](#) , [64323](#) , CMC Blind Plug for CP Terminal [64325](#) , Wire Cap [64319-1201](#)

|                                    |              |
|------------------------------------|--------------|
| Current - Maximum per Contact      | 6.0A         |
| Voltage - Maximum                  | 14V DC       |
| <b>Solder Process Data</b>         |              |
| Lead-freeProcess Capability        | N/A          |
| <b>Material Info</b>               |              |
| <b>Reference - Drawing Numbers</b> |              |
| Sales Drawing                      | SD-36638-002 |

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