Part Number : 477450400

Product Description : 2.50mm, 3.50mm CMC Header, Right-Angle, 28 Position, 1 Port, Black, 2.90mm Pin Length, Peg, Black Coding

Series Number : 47745

Status : Active

Product Category : PCB Headers and Receptacles

## Documents & Resources

### Drawings

Drawing_477450400_sd.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS | |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | 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
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 47745 |
| Description | 2.50mm, 3.50mm CMC Header, Right-Angle, 28 Position, 1 Port, Black, 2.90mm Pin Length, Peg, Black Coding |
| Application | Automotive, Power, Wire-to-Board |
| Comments | Coding: Black |
| Component Type | PCB Header |
| Product Family | CMC and CMX Sealed, Hybrid, Modular Connectors |
| Product Name | CMC |
| UPC | 889056826716 |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 12.0A, 2.5A, 21.0A |
| Voltage - Maximum | 14V DC |

## Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 28 |
| Circuits (maximum) | 28 |
| Color - Resin | Black |
| Durability (mating cycles max) | 20 |
| First Mate / Last Break | Yes |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 36.389/g |
| Number of Rows | 3 |

| | |
|---|---|
| Orientation | Right Angle |
| Packaging Type | Carton |
| 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 |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Closed Ends |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Solder or Weld |