



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CMC SERIES 1



Product Type: **Housing**
Operating Voltage: **600 VDC**
Wire Size: **.05 – .2 mm²**
Connector System: **Wire-to-Wire**

[All CMC SERIES 1 \(24\)](#)

Features

Product Type Features

| | |
|-----------------------------------|--------------|
| Product Type | Housing |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |
| Housing Type | Plug |
| Contact Type | Socket |
| Shell Type | Metal |

Configuration Features

| | |
|----------------------------|----|
| Number of Positions | 16 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 16 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Contact Features

| | |
|------------------------------|----------|
| Reverse Gender | Standard |
| Contact Current Rating (Max) | 13 A |
| Contact Protection | With |

Termination Features



| | |
|------------------------------------|----------------|
| Termination Method to Wire & Cable | Crimp & Solder |
|------------------------------------|----------------|

Mechanical Attachment

| | |
|--------------------------|-------------------|
| Screw & Hole Thread Size | 1-3/16-18 UNEF-2A |
| Mating Alignment | With |
| Mating Retention | With |
| Panel Mount Feature | Without |

Housing Features

| | |
|------------------------|---------------|
| Housing Color | Black |
| Housing Material | Thermoplastic |
| Shell Size | 22 |
| UL Flammability Rating | UL 94V-0 |

Dimensions

| | |
|-----------|--------------|
| Wire Size | .05 – .2 mm² |
|-----------|--------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
| Shielded | No |
| Fluid Resistance | None |

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

| | |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2018 (181) Does not contain REACH SVHC |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUL 2019 (201) |