2-Line Chip Style
Common Mode Chokes
ChipChoke™ CCMC Series

Available in 0805 (2012) and 1206 (3216) size
For USB2.0, 3.0 and other high speed differential signal lines (IEEE1394, LVDS)
Suppression of common mode noise without attenuating the signal
Large range of common mode impedance to fit with signal and noise level
Magnetic shield versions available for lower Rdc and higher current features

Electrical Specifications @ 25°C

<table>
<thead>
<tr>
<th>Part Number (25%)</th>
<th>Common Mode Impedance @ 100MHz (Ω)</th>
<th>DC Resistance (Ω MAX)</th>
<th>Rated Voltage (Vdc)</th>
<th>Rated Current (mA MAX)</th>
<th>Withstanding Voltage (Vdc)</th>
<th>Insulation Resistance (MΩ MIN)</th>
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</thead>
<tbody>
<tr>
<td>PE-0805CCMC670STS</td>
<td>67</td>
<td>0.25</td>
<td>50</td>
<td>400</td>
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<td>PE-0805CCMC900STS</td>
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<tr>
<td>PE-0805CCMC121STS</td>
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<td>50</td>
<td>370</td>
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<td>PE-0805CCMC181STS</td>
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<tr>
<td>PE-0805CCMC261STS</td>
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<tr>
<td>PE-0805CCMC361STS</td>
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<td>PE-1206CCMC900STS</td>
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<td>0.3</td>
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<td>PE-1206CCMC222STS</td>
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Notes:
1. These part numbers are lead free and RoHS compliant. No additional suffix or identifier is required.
2-Line Chip Style
Common Mode Chokes
ChipChoke™ CCMC Series

Mechanicals

0805 TS, 1206 TS

0805 TS

1206 TS

Part Number Legend

PE - 0805 CCMC 670 S T S

PACKAGE SIZE (0805 or 1206)

ChipChoke™ COMMON MODE CHOKES

IMPEDEANCE (Ω)
Representative of the impedance value

TOLERANCE S = 25% (standard)

COATING S = Magnetic Shield

PACKAGING
T = Tape & Reel (7" reel)

SIZE QTY/REEL
0805 2000 pieces
1206 2000 pieces

Schematics

Tape and Reel Specifications

B

D

C

A

W

P

N

K

P1

P2

P3

Direction of Tape Feed

Blank Portions

Chip Cavity

Leader
Packaging Specifications

<table>
<thead>
<tr>
<th>Series</th>
<th>Parts per Reel</th>
<th>Reel Dimensions (mm)</th>
<th>Tape Dimensions (mm)</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>A</td>
<td>B</td>
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<tr>
<td>0805 TS</td>
<td>2000</td>
<td>178</td>
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<tr>
<td>1206 TS</td>
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Impedance vs Frequency

Common Mode

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<th>Part Number</th>
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<tr>
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<tr>
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<td>PE-0805CCM361STS</td>
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Differential Mode

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<tr>
<td>PE-0805CCM261STS</td>
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Common Mode Cokes
ChipChoke™ CCMC Series

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