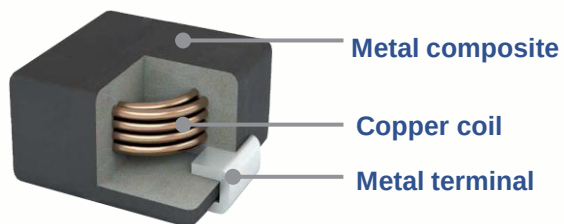


# METCOM MPX Series

## Overview

METCOM power inductors are ideal for DC to DC switching power supplies applications as well as EMI filter inductors. KEMET's metal composite has high saturation characteristics ideal for applications requiring stable inductance across temperature and current..

## Construction



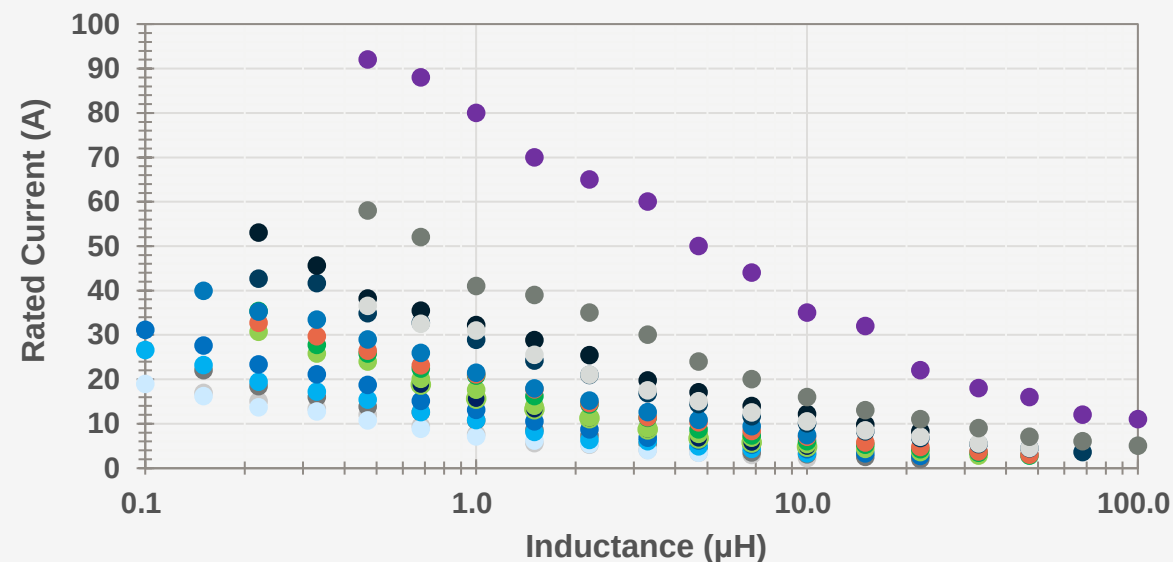
## Benefits

- Metal composite powder
- Shielded construction, SMD configuration
- Inductance range from 0.1 to 100  $\mu\text{H}$
- Operating temperature up to +155°C
- Low acoustic noise
- Low magnetic flux leakage

## Electrical Characteristics

- Rated inductance range: 0.1 to 100  $\mu\text{H}$  at 100 kHz ( $\pm 20\%$  tol.)
- Rated DCR: 0.48 to 341.2 m $\Omega$  maximum
- Rated current range: 2 to 90 A
- Operating temperature: -55°C to +155°C

## Selection Guide



## Applications

- High frequency DC-DC converters, including WBG GaN applications
- PCs and servers
- Points of loads (POL)
- Field-programmable gate arrays (FPGA)
- Battery powered regulators

