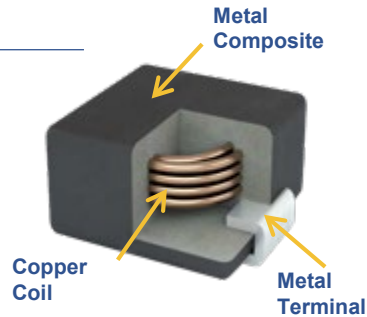




Overview

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

Construction



Applications

Consumer and commercial power applications such as:

High frequency DC-DC converters, including WBG GaN applications

PCs and servers

Points of loads (POL)

Field-programmable gate arrays (FPGA)

Battery powered regulators

SMD INDUCTORS

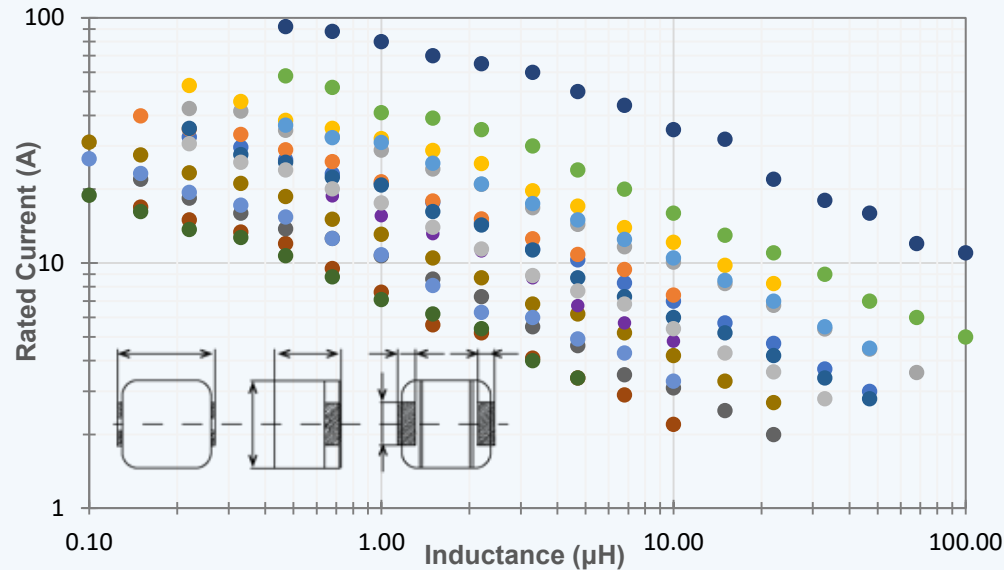
METCOM Power Inductor MPX Series

Electrical Characteristics

Operating Temperature	-55°C to +155°C
Rated Inductance	0.10 – 100 μ H at 100 kHz (\pm 20% tol.)
Rated DCR	0.48 – 341.2 m Ω maximum
Rated Current	2.0 – 90 A

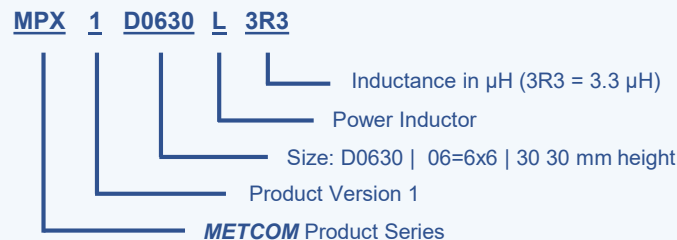


METCOM MPX Series Selection Guide



5x5 mm (Height) ● D0520 2.0 mm ● D0530 3.0 mm	10x10 mm (Height) ● D1040 4.0 mm
6x6 mm (Height) ● D0618 1.8 mm ● D0624 2.4 mm ● D0630 3.0 mm ● D0650 5.0 mm	12x12 mm (Height) ● D1235 3.5 mm ● D1250 5.0 mm ● D1264 6.4 mm
8x8 mm (Height) ● D0830 3.0 mm ● D0840 4.0 mm	17x17 mm (Height) ● D1740 4.5 mm ● D1770 7.0 mm
	22x22 mm (Height) ● D2240 13 mm

Part Number System



KEMET.com/metcom