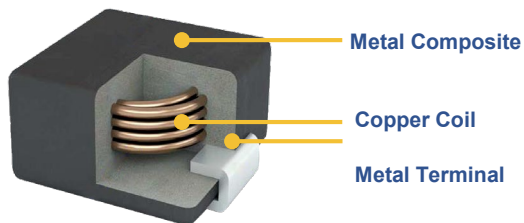




Overview

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

Construction



Benefits

- Harsh Environment Resistant
- Temperature Stable Inductance
- Soft Core Saturation
- Low flux leakage

AUTOMOTIVE GRADE SMD INDUCTORS

Power Inductor MPXV Series

AEC-Q200



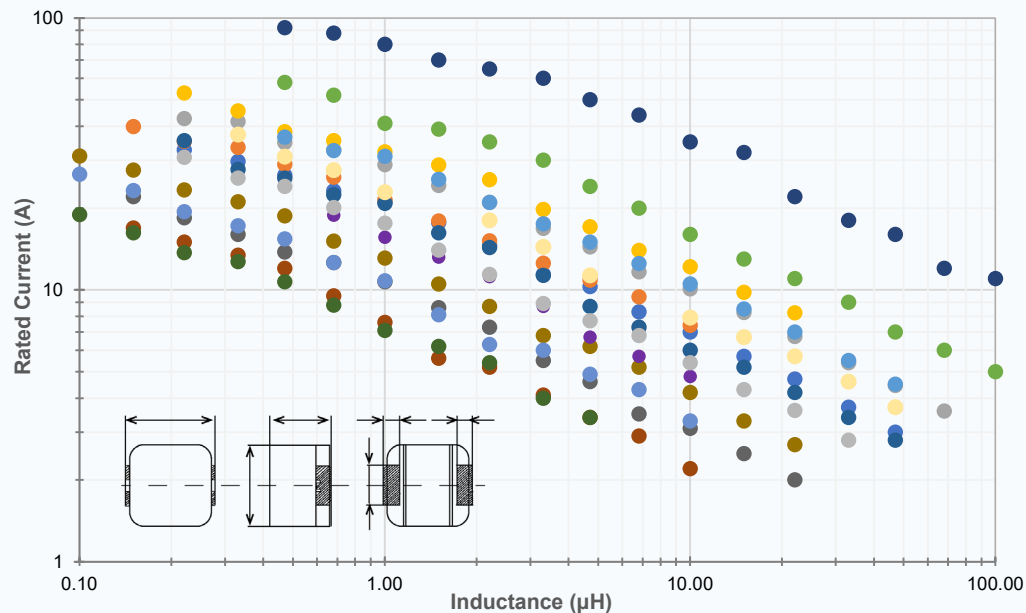
PPAP Capable



Electrical Characteristics

Operating Temperature	-55°C to +155°C
Rated Inductance	0.10 – 100 µH at 100 kHz (±20% tol.)
Rated DCR	0.48 – 341.2 mΩ maximum
Rated Current	2.0 – 90 A

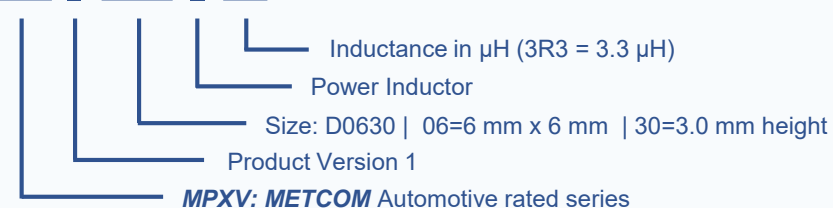
METCOM MPXV Series Selection Guide



5x5 mm (Height) ● D0520 2.0 mm ● D0530 3.0 mm	10x10 mm (Height) ● D1040 4.0 mm ● D1054 5.4 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

MPXV 1 D0630 L 3R3

Part Number System



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