

MTMSC4020 Series Moulded Shielded Coils - 4020 Size



Features

- High current capability
- Low DCR and high current
- Iron powder and ferrite composite
- Magnetically shielded construction
- Operating temperature: -40 °C to 125 °C

Product Image

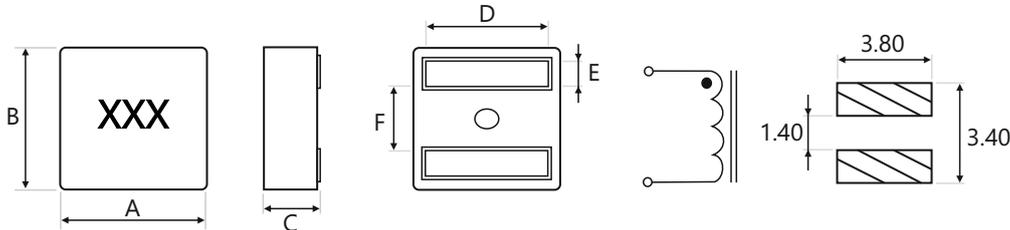


*Displayed image is only for reference purpose, original product may vary.

Applications

- POL-converters
- FPGA Power Supplies
- Battery powered devices
- Power supplies for Portable devices
- DC/DC-converter for high current power supplies

Dimensions



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
4.10 ± 0.50	4.10 ± 0.50	1.90 ± 0.2	3.40 ± 0.3	0.88 ± 0.20	1.60 ± 0.25

Electrical Specifications

Part Number	Inductance L, (uH)	RDC (mΩ)		Isat (A) 30% Typ.	Irms (A) Typ.	
		Typ.	Max.		ΔT: 20°C	ΔT: 40°C
MTMSC4020R47	0.47	6	6.8	14	9.8	13.2
MTMSC4020R56	0.56	6.9	7.8	13	9.5	12.6
MTMSC4020R60	0.6	6.9	7.8	12.8	9.4	12.4
MTMSC4020R68	0.68	7.3	8.2	11.6	9.2	12
MTMSC4020R82	0.82	8.6	9.5	10.2	8.5	11.5
MTMSC40201R0	1	10.6	11.7	9.2	8	11
MTMSC40201R2	1.2	12.2	13.4	8.6	7.2	9.5
MTMSC40201R5	1.5	14.4	15.8	7.5	6.7	9.1
MTMSC40202R0	2	21.15	23.3	6.2	6.2	8.2
MTMSC40202R2	2.2	21.35	23.5	6	6	8

Measurement frequency: at 100KHz/0.1V
Measurement ambient temperature: at 25°C
Inductance tolerance: ±20%

NOTE:

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