

MTSNR4030 Series
Resin Shield Inductors - 4030 Size

Webpage



Sample kit



Buy Online



Support



Tools



Features

- Low DC resistance
- Robust construction
- Temperature stability
- High saturation current
- Low profile construction
- Use magnetic resin for shielding
- Operating temperature: -40 °C to +125 °C

Product Image

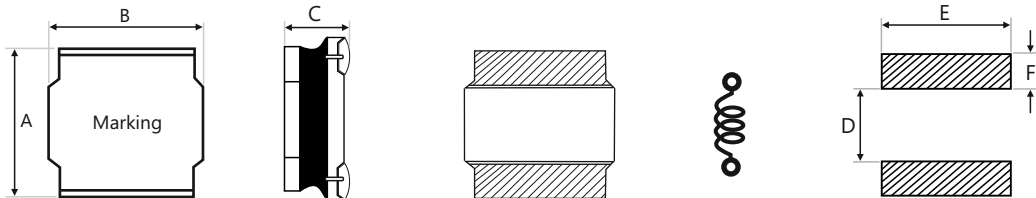


*Displayed image is only for reference purpose, original product may vary.

Applications

- Charger
- Set Top Box
- Control Cards
- DC-DC converter
- BLDC Controllers
- Power Supplies (SMPS)
- Vehicle Tracking System

Dimensions



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
4.0 ± 0.2	4.0 ± 0.2	3 Max	1.9 Ref	3.7 Ref	1.1 Ref

Electrical Specifications

Part Number	Inductance, L (uH)	Tol.	DCR (Ω) ±30%	I _r (A)	I _{sat} (A)
MTSNR40302R2	2.2	± 30%	0.04	2.5	4.9
MTSNR40303R3	3.3	± 20%	0.06	2.2	3.3
MTSNR40304R7	4.7	± 20%	0.078	1.7	2.9
MTSNR40305R6	5.6	± 20%	0.09	1.65	2.6
MTSNR40306R8	6.8	± 20%	0.11	1.6	2.45
MTSNR40308R2	8.2	± 20%	0.13	1.5	2.1
MTSNR4030100	10	± 20%	0.15	1.45	1.95
MTSNR4030150	15	± 20%	0.23	1.1	1.65
MTSNR4030220	22	± 20%	0.38	1	1.3
MTSNR4030330	33	± 20%	0.5	0.8	1.1
MTSNR4030470	47	± 20%	0.65	0.7	0.95
MTSNR4030560	56	± 20%	0.9	0.65	0.85
MTSNR4030680	68	± 20%	0.95	0.52	0.75
MTSNR4030820	82	± 20%	1.05	0.47	0.66
MTSNR4030101	100	± 20%	1.15	0.45	0.6
MTSNR4030221	220	± 20%	2.5	0.35	0.4

NOTE:

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