

MTSLC10D40 Series Power Inductors - 10D40 Size

Webpage



Sample kit



Buy Online



Support



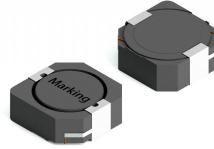
Tools



Features

- Low DC resistance
- Magnetically Shielded
- High Temperature stability
- Suitable for reflow soldering
- Strong terminal strength due to its better ferrite material
- Operating temperature: -40 °C to +125 °C

Product Image

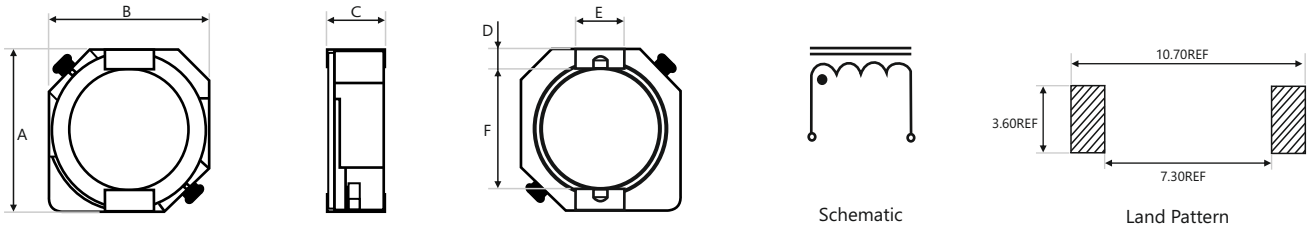


*Displayed image is only for reference purpose, original product may vary.

Applications

- LED Drivers
- Solar Inverters
- Buck Converter
- Boost Converter
- EMI Suppression
- DC-DC Converter
- Power Supplies (SMPS)

Dimensions



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
10.10 ± 0.30	10 ± 0.3	3.8	1.2	3	7.7 ± 0.30

Electrical Specifications

Part Number	Inductance (uH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
MTSLC10D401R5	1.5	8.1	6.5	10
MTSLC10D402R2	2.2	10	6.2	8
MTSLC10D402R5	2.5	10.5	6.1	7.5
MTSLC10D403R3	3.3	13	5.6	6.1
MTSLC10D404R7	4.7	25	5.4	5.7
MTSLC10D405R2	5.2	22	5.4	5.5
MTSLC10D407R0	7	27	4.5	4.8
MTSLC10D40100	10	35	3.8	4.4
MTSLC10D40150	15	50	3.1	3.6
MTSLC10D40220	22	73	2.5	2.9
MTSLC10D40330	33	93	2.2	2.3
MTSLC10D40470	47	128	1.9	2.1
MTSLC10D40680	68	213	1.42	1.5
MTSLC10D40101	100	304	1.25	1.35
MTSLC10D40151	150	506	0.85	1.15
MTSLC10D40221	220	756	0.7	0.92
MTSLC10D40331	330	1090	0.52	0.7

NOTE:

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