

MTTIV161408 Series Toroidal Inductors

Webpage



Sample kit



Buy Online



Support



Tools



Features

- Low DC resistance
- Toroidal Construction
- High Temperature stability
- Suitable for wave soldering
- Operating temperature: -25°C to $+105^{\circ}\text{C}$

Product Image

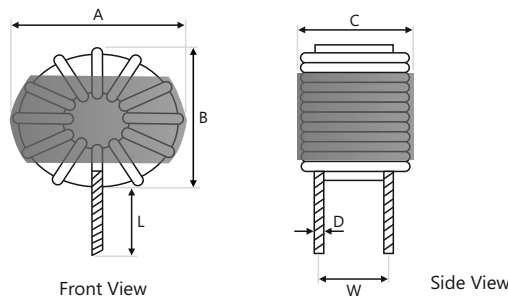


*Displayed image is only for reference purpose, original product may vary.

Applications

- LED Drivers
- Solar Inverters
- Buck Converter
- DC-DC converter
- Power Supplies (SMPS)
- Air Conditioners Control Card

Dimensions



A (mm)	B (mm)	C (mm)	D (mm)	W (mm)	L (mm)
16 Max	14 Max	8.5 Max	Refer Table		4.0 Min

Electrical Specifications

Part Number	Inductance (μH)	Tolerance	DCR (m Ω) Max.	Rated Current (A) $\Delta T \sim 40^{\circ}\text{C}$	D (mm)	W (mm)
MTTIV1614084R7	4.7	$\pm 20\%$	7.5	10	0.8 ± 0.05	5.0 Ref
MTTIV1614086R8	6.8	$\pm 20\%$	8	10	0.8 ± 0.05	5.0 Ref
MTTIV161408100	10	$\pm 20\%$	10	9	0.8 ± 0.05	5.0 Ref
MTTIV161408220	22	$\pm 20\%$	15	7	0.8 ± 0.05	5.0 Ref
MTTIV161408330	33	$\pm 20\%$	30	6	0.7 ± 0.05	5.0 Ref
MTTIV161408470	47	$\pm 20\%$	35	4	0.55 ± 0.05	5.0 Ref
MTTIV161408560	56	$\pm 20\%$	40	4	0.55 ± 0.05	5.0 Ref
MTTIV161408680	68	$\pm 20\%$	45	3.5	0.55 ± 0.05	5.0 Ref
MTTIV161408101	100	$\pm 20\%$	70	3	0.5 ± 0.05	5.0 Ref

* HIPOT TEST:- PIN1-C / PIN2-C (600 V) AC / 60Hz 1mA 3sec.

Test Equipment: 16502 3302

Test Frequency: 1KHz / 0.3V

NOTE:

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