

## MTTIH147 Series Toroidal Inductors

Webpage



Sample kit



Buy Online



Support



Tools



### Features

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

### Product Image

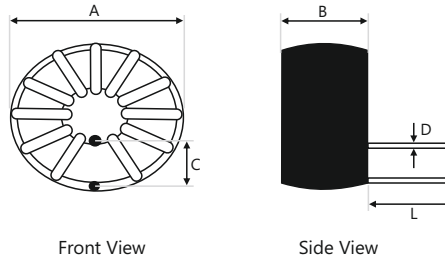


\*Displayed image is only for reference purpose, original product may vary.

### 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)	L (mm)
14.5 Max	7.0 Max	Refer Table		4.0 Min

### Electrical Specifications

Part Number	Inductance ( $\mu\text{H}$ )	Tolerance	DCR ( $\text{m}\Omega$ Max)	Rated Current (A) $\Delta T \sim 40^{\circ}\text{C}$	D (mm)	C (mm)
MTTIH1474R7	4.7	$\pm 20\%$	7.5	10	$0.8 \pm 0.05$	5.5 Ref
MTTIH1476R8	6.8	$\pm 20\%$	8	10	$0.8 \pm 0.05$	5.5 Ref
MTTIH147100	10	$\pm 20\%$	10	9	$0.8 \pm 0.05$	5.5 Ref
MTTIH147220	22	$\pm 20\%$	15	7	$0.8 \pm 0.05$	4.5 Ref
MTTIH147330	33	$\pm 20\%$	30	6	$0.7 \pm 0.05$	4.5 Ref
MTTIH147470	47	$\pm 20\%$	35	4	$0.55 \pm 0.05$	4.5 Ref
MTTIH147560	56	$\pm 20\%$	40	4	$0.55 \pm 0.05$	4.5 Ref
MTTIH147680	68	$\pm 20\%$	45	3.5	$0.55 \pm 0.05$	4.5 Ref
MTTIH147101	100	$\pm 20\%$	70	3	$0.55 \pm 0.05$	4.5 Ref

Test Equipment: 16502 3302  
Test Frequency: 1KHz / 0.3V

NOTE:

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