

# OWPTC TYPE



## FEATURES

Insulation Resistance:  
100M $\Omega$  at 500VDC  
High Reliability  
Wide Inductance Range

## APPLICATIONS

Power Inductors  
Communication  
Household appliances  
Electronic toys and games.

## NUMBERING SYSTEM

Example: **OWPTC4452-101**

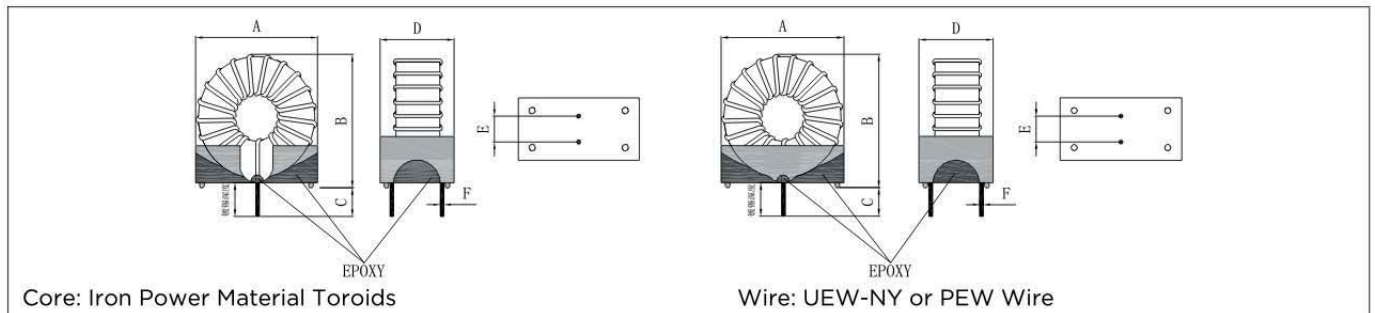
**OWPTC4452** - Series Name  
**101** - Inductance

## ELECTRICAL CHARACTERISTIC

Series Name	Inductance (uH)	DCR(max) ( $\Omega$ )	IDC(max) (A)	Series Name	Inductance (uH)	DCR(max) ( $\Omega$ )	IDC(max) (A)
OWPTC-4452	15.0~360.0	30m~497m	0.8~3.9				
OWPTC-5052	20.0~100.0	28m~96m	1.5~3.0				
OWPTC-6852	32.0~230.0	30m~135m	1.7~4.5				
OWPTC-8052	50.0~220.0	35m~98m	2.3~4.5				
OWPTC-10652	68.0~300.0	30m~62m	3.2~7.5				

## MECHANICAL DIMENSIONS

Unit: mm



Series Name	A(max)	B(max)	C( $\pm 0.5$ )	D(max)	E( $\pm 0.5$ )	F( $\pm 0.1$ )	Series Name	A(max)	B(max)	C(ref)	D(ref)	E(max)
OWPTC-4452	16.0	16.0	5.0	9.1	5.6	$\Phi 0.7$						
OWPTC-5052	17.0	19.0	5.0	11.9	7.6	$\Phi 0.95$						
OWPTC-6852	21.5	25.0	5.0	11.9	7.6	$\Phi 0.95$						
OWPTC-8052	25.5	27.5	5.0	15.7	11.4	$\Phi 1.1$						
OWPTC-10652	32.2	35.5	5.0	18.3	12.6	$\Phi 1.1$						

## GENERAL CONDITION

Operating temperature range: -55 $^{\circ}$ C to +125 $^{\circ}$ C(include coil heat)  
Storage temperature range: -40 $^{\circ}$ C to +40 $^{\circ}$ C  
Test Frequency: 100KHz,0.25V

Contact us for custom spec parts to meet your special requirements.