

OWPTC TYPE



FEATURES

Insulation Resistance:
100MΩ at 500VDC
High Reliability
Wide Inductance Range

APPLICATIONS

Power Inductors
Communication
Household appliances
Electronic toys and games.

NUMBERING SYSTEM

Example: OWPTC4452-101

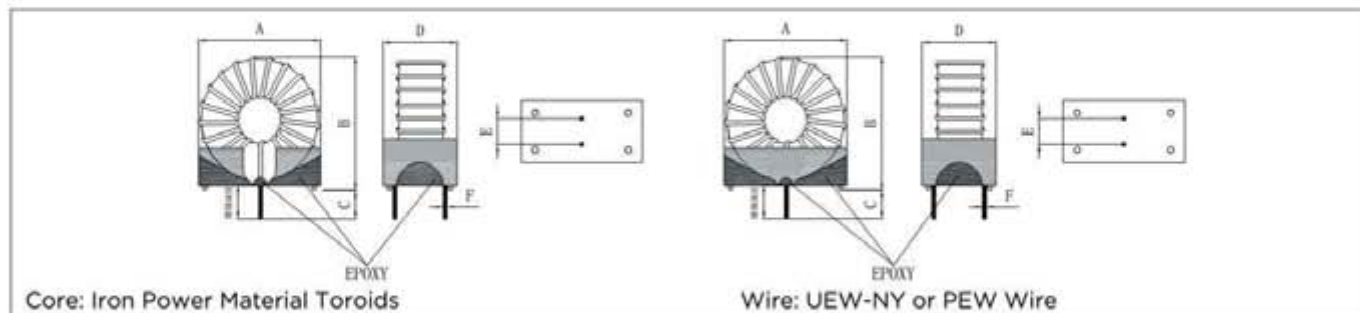
OWPTC4452 - Series Name
101 - Inductance

ELECTRICAL CHARACTERISTIC

Series Name	Inductance (uH)	DCR(max) (Ω)	IDC(max) (A)	Series Name	Inductance (uH)	DCR(max) (Ω)	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



Core: Iron Power Material Toroids

Wire: UEW-NY or PEW Wire

Series Name	A(max)	B(max)	C(±0.5)	D(max)	E(±0.5)	F(±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	Φ0.7						
OWPTC-5052	17.0	19.0	5.0	11.9	7.6	Φ0.95						
OWPTC-6852	21.5	25.0	5.0	11.9	7.6	Φ0.95						
OWPTC-8052	25.5	27.5	5.0	15.7	11.4	Φ1.1						
OWPTC-10652	32.2	35.5	5.0	18.3	12.6	Φ1.1						

GENERAL CONDITION

Operating temperature range:	-55°C to +125°C(include coil heat)
Storage temperature range:	-40°C to +40°C
Test Frequency:	100KHz,0.25V

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