

# OWWPT 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: **OWWPT1264-A10-102**

**OWWPT1264** - Series Name

**A10** - Material

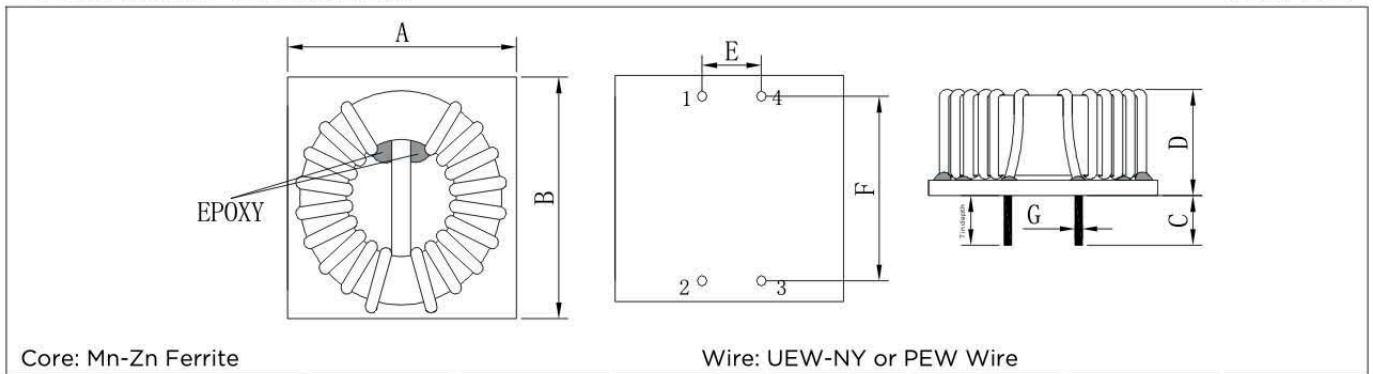
**102** - Inductance

## ELECTRICAL CHARACTERISTIC

| Series Name | Inductance (mH) | DCR(max) (Ω) | I (RMS) (A) | Series Name | Inductance (mH) | DCR(max) (Ω) | I (RMS) (A) |
|-------------|-----------------|--------------|-------------|-------------|-----------------|--------------|-------------|
| OWWPT1264   | 1.0~10.0        | 25m~435m     | 0.3~2.3     | OWWPT221410 | 1.0~10.0        | 6m~75m       | 3.0~10.0    |
| OWWPT1495   | 1.0~10.0        | 15m~250m     | 0.6~4.0     | OWWPT251510 | 1.0~10.0        | 5m~56m       | 4.0~16.0    |
| OWWPT1695   | 1.0~10.0        | 12m~150m     | 1.0~5.0     | OWWPT251512 | 4.7~10.0        | 20m~50m      | 5.0~8.0     |
| OWWPT18107  | 1.0~10.0        | 10m~115m     | 1.6~6.0     | OWWPT311913 | 4.7~10.0        | 15m~30m      | 8.0~10.0    |
| OWWPT22148  | 1.0~10.0        | 7m~80m       | 2.7~9.0     | OWWPT372215 | 5.6~10.0        | 15m~25m      | 10.0~16.0   |

## MECHANICAL DIMENSIONS

Unit: mm



Core: Mn-Zn Ferrite

Wire: UEW-NY or PEW Wire

| Series Name | A(max) | B(max) | C(±0.5) | D(max) | E(ref) | F(ref) | G(max) |
|-------------|--------|--------|---------|--------|--------|--------|--------|
| OWWPT1264   | 15.0   | 15.0   | 5.0     | 10.0   | 5.0    | 11.0   | Φ0.6   |
| OWWPT1495   | 18.0   | 17.0   | 5.0     | 11.5   | 7.0    | 13.0   | Φ0.8   |
| OWWPT1695   | 20.0   | 20.0   | 5.0     | 12.0   | 8.0    | 15.0   | Φ0.9   |
| OWWPT18107  | 23.0   | 21.0   | 5.0     | 13.5   | 10.0   | 16.0   | Φ1.0   |
| OWWPT22148  | 28.0   | 29.0   | 5.0     | 15.0   | 12.0   | 22.0   | Φ1.3   |
| OWWPT221410 | 28.0   | 29.0   | 5.0     | 18.0   | 12.0   | 22.0   | Φ1.4   |
| OWWPT251510 | 31.0   | 30.0   | 5.0     | 18.0   | 14.0   | 24.0   | Φ1.6   |
| OWWPT251512 | 31.0   | 33.0   | 5.0     | 20.0   | 14.0   | 24.0   | Φ1.6   |
| OWWPT311913 | 38.0   | 39.0   | 5.0     | 21.0   | 16.0   | 30.0   | Φ1.8   |
| OWWPT372215 | 45.0   | 45.0   | 5.0     | 27.0   | 20.0   | 37.0   | Φ1.8   |

## 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

The above spec is for material A10 only. We can also custom wind using other materials such as A05, and A07. Please contact us for custom spec parts to meet your needs.