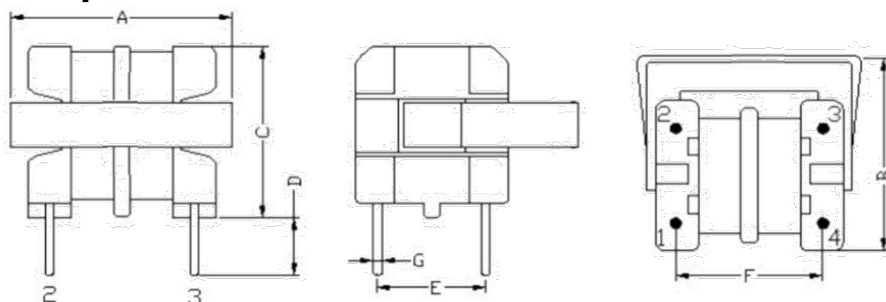


## 1. Shape & Dimensions (mm)

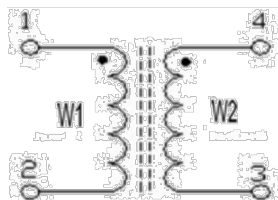


| Item     | A        | B      | C        |
|----------|----------|--------|----------|
| Size(mm) | 18.5 Max | 19 Max | 16 ± 0.5 |

| D         | E      | F      | G       |
|-----------|--------|--------|---------|
| 3.5 ± 0.5 | 10±0.3 | 13±0.3 | 0.7±0.2 |

## 2. Electrical Properties

W1  $\phi$  0.24mm  
\*140T±3T



W2  $\phi$  0.24mm  
\*140T±3T

| Testing Item     |              | Standard                           |
|------------------|--------------|------------------------------------|
| Inductance       | W1, W2       | 30mH Min @10KHz<br>0.05V SER @25°C |
| Dotted Terminals |              | 1, 4                               |
| Turn Ratio       | W1, W2       | 1:1                                |
| Hi-Pot           | W1, W2       | No breakdown<br>500VAC 1mA 2S      |
|                  | Coil to Core | No breakdown<br>500VAC 1mA 2S      |

## 3. Material List

| Item                 | Description |
|----------------------|-------------|
| Bobbin               | UU10.5      |
| Core                 | UU10.5      |
| Wire                 | $\phi$ 0.24 |
| Tape                 | FW          |
| Soldering            |             |
| Varnish              | V1630FS     |
| Core-Tightening Clip | Steel       |

Manufacturer information and UL ILE numbers for all materials available upon request

## 4. Revision List

- A. **April 12, 2018:** Initial Release
- B. **July 10, 2019:** Revise part description from Inductor Filter 30mH +35% -25% 1:1 (MAX 90mH) to Inductor Filter 30mH MIN