

# ADSL LINE TRANSFORMER

## P/N: AD-2181 DATA SHEET



Bothhand USA. e-mail: [sales@bothhandusa.com](mailto:sales@bothhandusa.com) <http://www.bothhand.com>

### Feature



- Excellent THD performance in a small footprint.
- Operating Temperature.: -10°C to +60°C.
- Storage Temperature.: -25°C to +75°C.

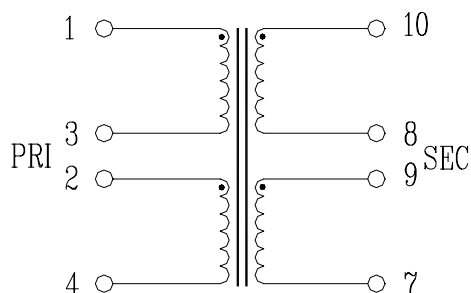
### Electrical Specifications @ 25°C

| Part Number | Mounting | Turn Ratio<br>(±2%)<br>(1-4):(10-7) | OCL<br>(uH ±5%)<br>@ 10KHz/0.1V | Leakage Inductance<br>(uH Max)<br>@ 100 KHz/0.1V |
|-------------|----------|-------------------------------------|---------------------------------|--------------------------------------------------|
|             |          |                                     | (1-4),(2+3)short                | (1-4),(2+3, 10+7, 9+8)short                      |
| AD-2181     | THT      | 1:1                                 | 850                             | 5.5                                              |

### Additional Specifications

| Part Number | THD (dB Max)<br>40KHz,2.5V(7.07 Vpp) | DC Resistance<br>(Ω ±10%) |             |       | Isolation Voltage<br>(Vrms) | Insertion Loss<br>(dB Max)<br>@ 100 KHz |
|-------------|--------------------------------------|---------------------------|-------------|-------|-----------------------------|-----------------------------------------|
|             |                                      | (10-8)                    | (1-3),(2-4) | (9-7) |                             |                                         |
| AD-2181     | -90                                  | 0.33                      | 0.61        | 0.46  | 1875                        | -0.5                                    |

### Schematic



### Mechanical

