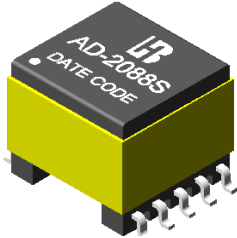


ADSL LINE TRANSFORMER
P/N: AD-2088S DATA SHEET

BOTHHAND
 USA

Bothhand USA. e-mail: sales@bothhandusa.com http://www.bothhand.com Page 1 of 1

Feature



- Recommended for use with ADSL Chipset in customer premise applications.
- Excellent THD performance in a small footprint.
- Designed to meet insulation requirements for working voltages up to 250 Vrms.
- Operating Temperature.: -10°C to +60°C.
- Storage Temperature.: -25°C to +75°C.

Electrical Specifications @ 25°C

| Part Number | Mounting | Turn Ratio (±2%) (1-5):(10-6) | OCL (uH ±10%) @ 10KHz/0.1V | | Leakage Inductance (μ H Max) @ 100 KHz/0.1V | Longitudinal Balance (dB Min) |
|-------------|----------|----------------------------------|--------------------------------|--------------------------------|---|----------------------------------|
| | | | (1-5),(2+4) short CHIP SIDE | (10-6),(9+7)short LINE SIDE | (10-6),(2+4,7+9,1+5)short | (from 30KHz to 1.1KHz) |
| AD-2088S | SMT | 1:1 | 430 | | 10.0 | -40 |

Additional Specifications

| Part Number | THD (dB Max) (@ 100KHz) | Isolation Voltage (Vrms) | Load Resistance (Ω) | Insertion Loss (dB Max) @ 772 KHz |
|-------------|----------------------------|-----------------------------|------------------------|--------------------------------------|
| AD-2088S | -80 | 1875 | 100 | -0.5 |

Schematic

Mechanical

