



BOTHHAND ENTERPRISE INC.

ADSL LINE TRANSFORMERS

P/N:AD-5070S

- For use with Alcatel Microelectronics' Chipset .
- Good Total Harmonic Distortion Characteristics.
- Designed to reflect 100Ω on the PRI with 25Ω load on SEC.
- Small footprint.

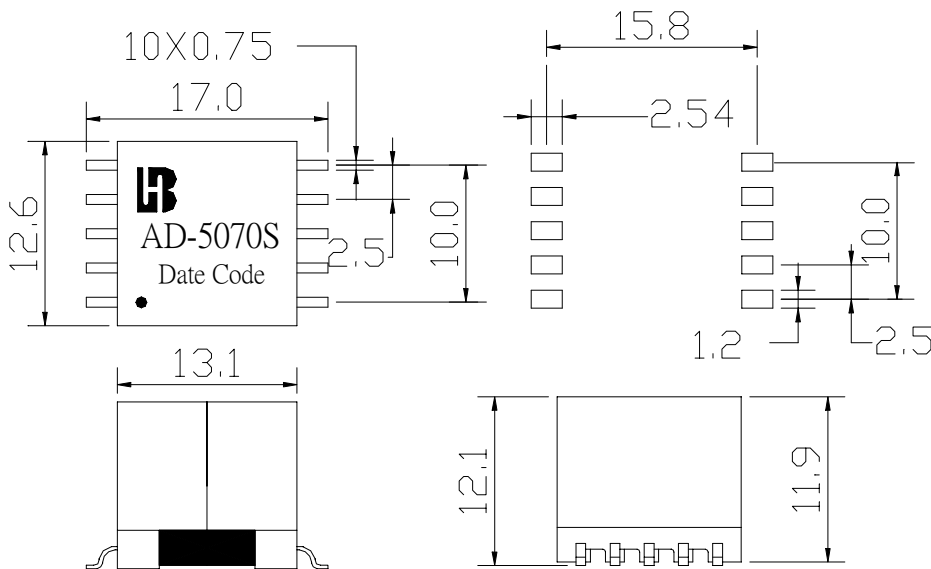
Electrical Specifications @ 25°C-Operating Temperature-40°C to 85°C

Part Number	Mounting	Turn Ratio (±2%) (1-5) : (10-6)	OCL @ 10KHz,0.1 V (1-5) ,(2+4)short	Leakage Inductance @300 KHz,0.1V (1-5) ,(2+4,9+7, 10+6)short	Longitudinal Balance (from 20KHz to1.1 MHz)
AD-5070S	SMT	2 : 1	410μH ±5%	10.0μH MAX	-50dB MIN

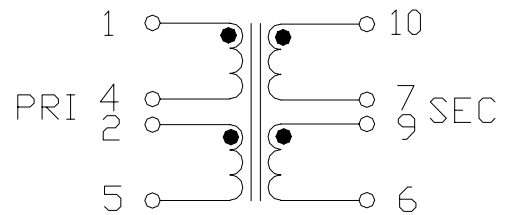
Additional Specifications

Part Number	THD (Linearity-Typical)	DC Resistance				Isolation Voltage (Vrms for 1 sec)	Insertion Loss (dB @100 KHz & 1.1MHz)
		1-4	2-5	10-7	9-6		
AD-5070S	-78dB MAX @30KHz	0.68Ω MAX	0.34Ω MAX			1875	< 1.0 dB

Mechanicals



Schematic



Dimension: mm

Unless otherwise specified,all tolerance are ± 0.25