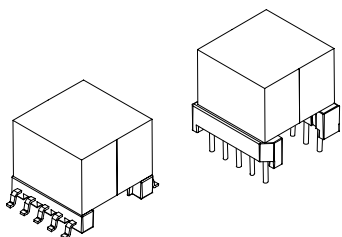


# ADSL Line Transformer



★ Designed to meet IR 235<sup>o</sup>C peak requirement  
For SMD Parts

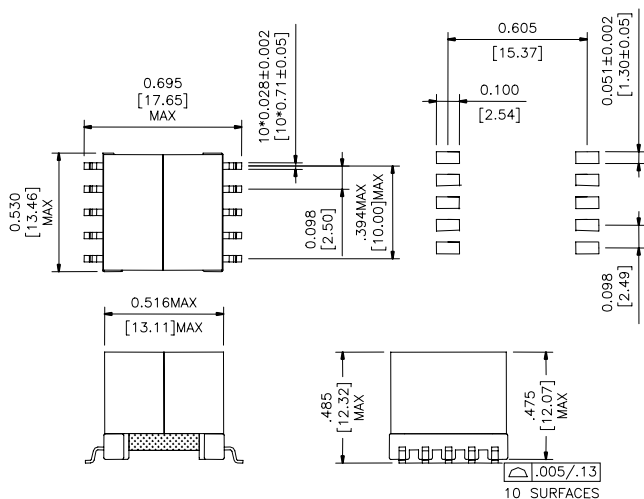
★ Excellent THD performance

★ Small EP13 Package in SMD and THT Type

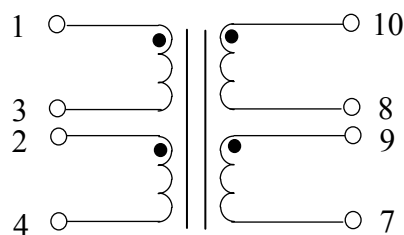
Specifications					
Part Number	Application	Turn Ratio (2%) (1-4):(10-7)	OCL @ 10 KHz, 0.1 V (1-4), 2+3 shorted	Return Loss @100KHz-1MHz	Insertion Loss @1KHz-2MHz
AT0050	ADSL	1:2	3.125mH(±10%)	10 dB min	4 dB max
AT5050	ADSL	1:2	3.125mH(±10%)	10 dB min	4 dB max

Specifications continue					
Part Number	DCR (1-4)	DCR (10-7)	THD @10KHz,3.5Vrms	Longitudinal Balance @20KHz-1MHz	Isolation Voltage Vac (1sec,10mA)
AT0050	6.0 Ω max	7.0 Ω max	85 dB min	60 dB min	1500
AT5050	6.0 Ω max	7.0 Ω max	85 dB min	60 dB min	1500

## Dimension



## Schematic

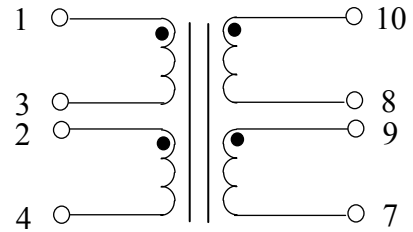
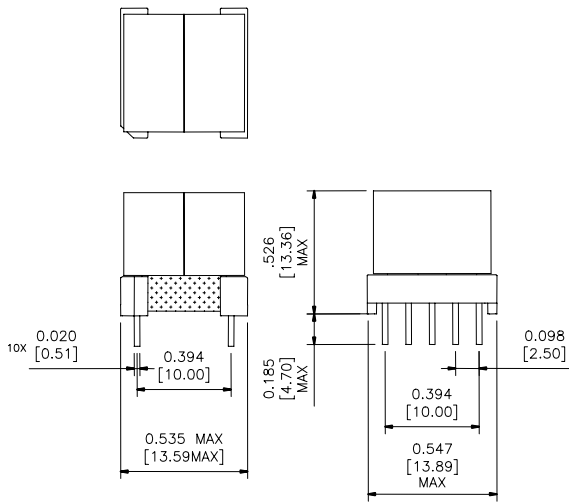


AT0050

Data sheet subject to change without notice

**Dimension**

**Schematic**



**AT5050**

Data sheet subject to change without notice