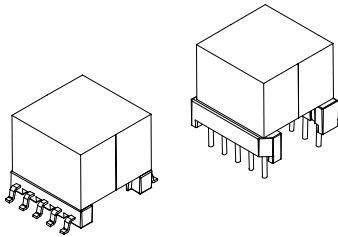




# ADSL Transformer for Analog Devices



★ For use with Analog Devices AD20MSP930



★ Designed to meet IR 235<sup>0</sup>C peak requirement

★ Excellent THD performance

★ Small EP13 Package in SMD and THT Type

## Specifications

Part Number	Application	Turn Ratio (2%) (1-4):(10-7)	OCL (1-4), 2-3 shorted	Leakage Inductance @ 100 KHz, 0.1 V	Longitudinal Balance (from 10 KHz to 1.1 MHz)
AT0005	ISDN-CO	1:1	100uH (±7%) @ 100 KHz, 1 V	4 uH Max	-46 dB Min
AT5005					
AT0006	ISDN-CPE	1:1.2	120uH (±10%) @ 100 KHz, 1 V	4 uH Max	-46 dB Min
AT5006					
AT0007	POTS-CO	1:1.1	2mH (±10%) @ 20 KHz, 1 V	8.5 uH Max	-46 dB Min
AT5007					
AT0008	POTS-CPE	1:1.1	1.2mH (±10%) @ 20 KHz, 1 V	10 uH Max	-46 dB Min
AT5008					

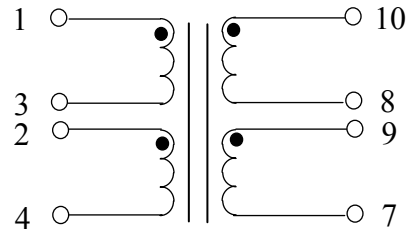
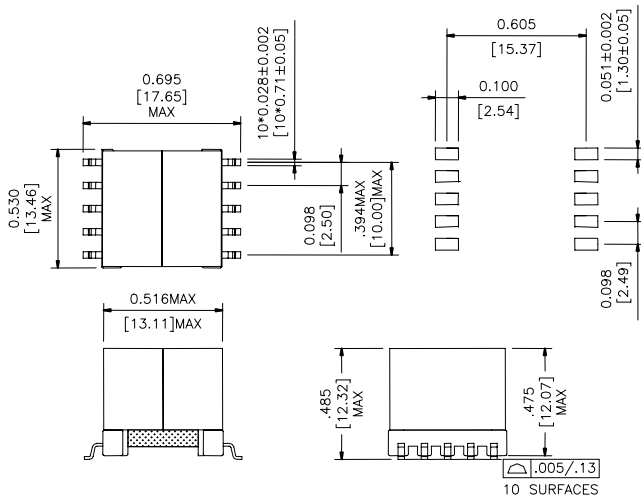
## Specifications continue

Part Number	THD	DCR (1-4), 2-3 shorted	Isolation Voltage (Vrms)	Insertion Loss @ 300 KHz	Package
AT0005	-80 dB MIN @100 KHz, 4Vac	1 Ω Max	1500	0.5 dB Max	SMD
AT5005					THT
AT0006	-80 dB MIN @100 KHz, 4Vac	0.61 Ω Max	1500	0.5 dB Max	SMD
AT5006					THT
AT0007	-80 dB MIN @20 KHz, 4Vac	1.7 Ω Max	1500	0.5 dB Max	SMD
AT5007					THT
AT0008	-80 dB MIN @20 KHz, 4Vac	1.25 Ω Max	1500	0.5 dB Max	SMD
AT5008					THT

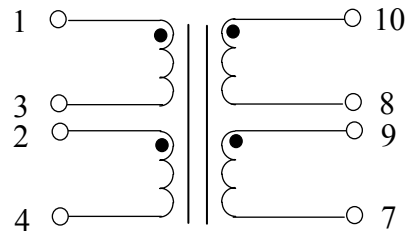
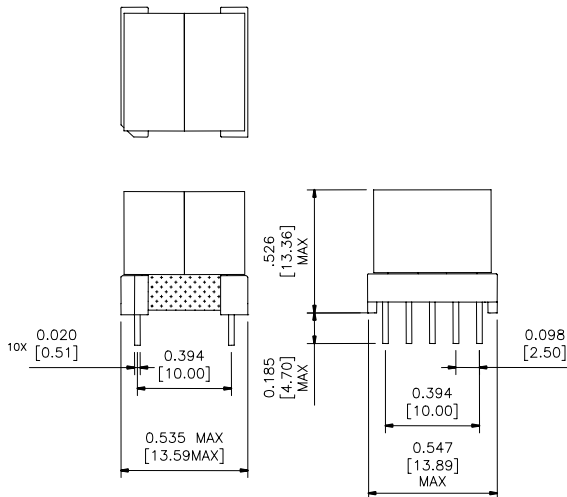
**Dimension**

**Schematic**

**AT0005/AT0006/AT0007/AT000**



**AT5005/AT5006/AT5007/AT500**



Data sheet subject to change without notice