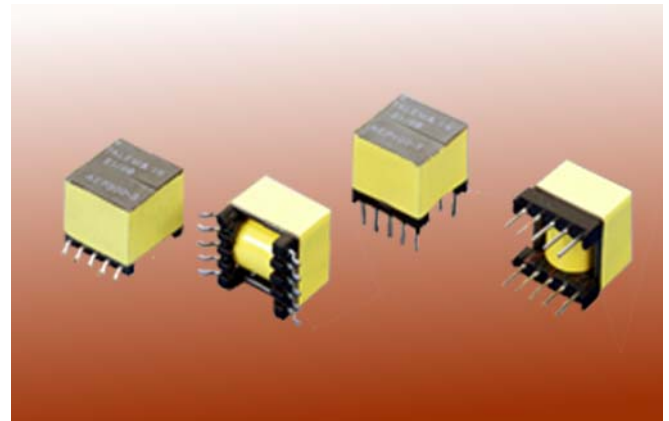




## ADSL Transformers for Lucent Chipsets

### Features

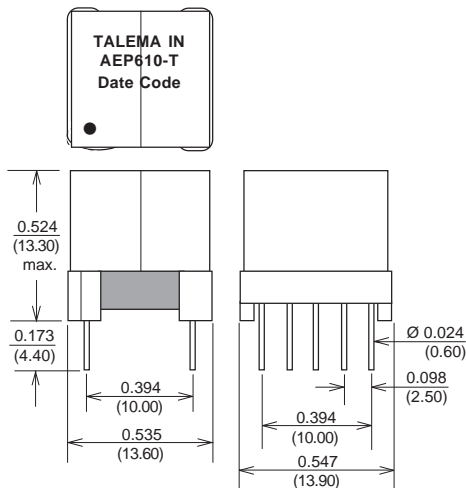
- complies with ANSI and ETSI requirements
- matched to Lucent's Wildwire chipsets
- very low THD
- 1500V minimum isolation
- all materials approved to UL94V-0
- excellent quality at competitive price due to high volume production
- manufactured in an ISO-9001:2000, TS-16949:2002 and ISO-14001:2004 certified Talema facility
- fully RoHS compliant and meets lead free reflow level J-STD-020C



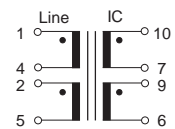
### Electrical Specifications @ 25°C • Operating Temperature -40° to +85°C

Part Number	Package	IC Driver	Turns Ratio ±2% Line : IC	L <sub>p</sub> ±6%	L <sub>L</sub> (μH) Max	C <sub>ww</sub> (pF) Max	DCR (Ohms) Max Line / IC	THD (Linearity) Typical	Longitudinal Balance Min	Insertion Loss Max	Freq. Response Max	Isolation Voltage (Vrms)
AEP600-T	TH	Wildwire CPE	1 : 1	1.23mH	10	40	1.40 / 1.60	-80dB 100kHz	-50dB 30kHz - 1.1MHz	0.5dB 300kHz	0.5dB 30kHz-1.1MHz	1500
AEP610-T	TH	Wildwire CO	1 : 1	490μH	10	40	1.35 / 1.50	-80dB 100kHz	-50dB 30kHz - 1.1MHz	0.5dB 300kHz	0.5dB 30kHz-1.1MHz	1500

### Package "T"



### Schematic



Dimensions: Inches(Millimeters)  
Tolerance: ±0.010 (0.25)

Weight: 6.8 grams

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