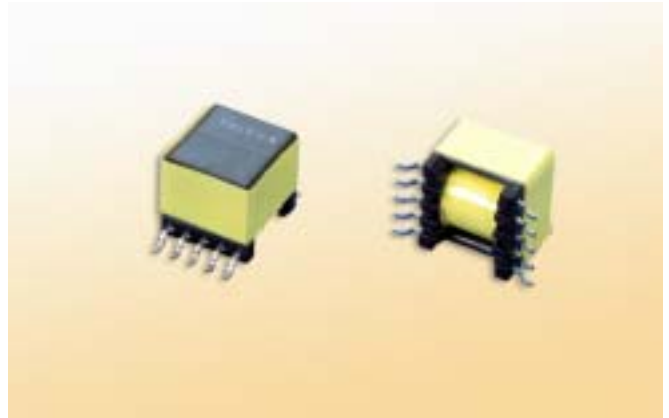




## ADSL Transformers for Linear Technology's Chipsets

### Features

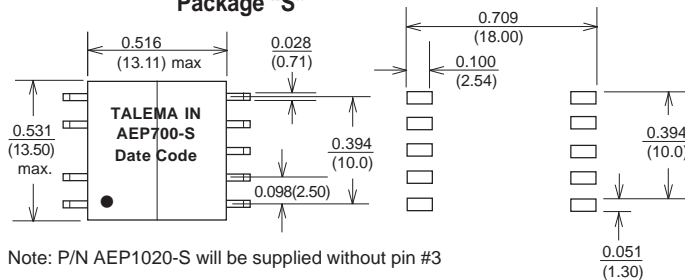
- complies with ANSI and ETSI requirements
- matched to Linear Technology's LT1497 chipsets
- very low THD
- 1500V minimum isolation
- all materials approved to UL94V-0
- excellent quality at competitive price due to high volume production
- manufactured in ISO-9001 approved Talema facility



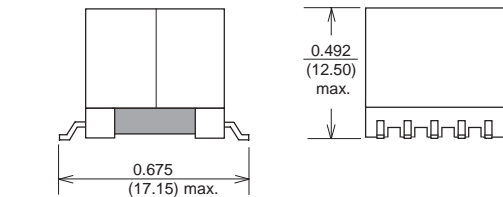
### Electrical Specifications @ 25°C • Operating Temperature -40° to +85°C

Part Number	Package	IC Driver	Turns Ratio ±2% Line : IC	L <sub>P</sub> (μH) ±5%	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)
AEP1020-S	SMD	LT1497	1 : 1.1	364	11	60	2.10 / 2.20	-67dB 10kHz	-45dB 20kHz-1.1MHz	1.5dB 50kHz	1.0dB 40kHz-1.1MHz	1500

### Package "S"



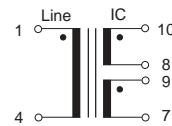
Note: P/N AEP1020-S will be supplied without pin #3



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

Weight: 6.8 grams

### Schematic



## Sales & Marketing, Design and Manufacturing Facilities

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