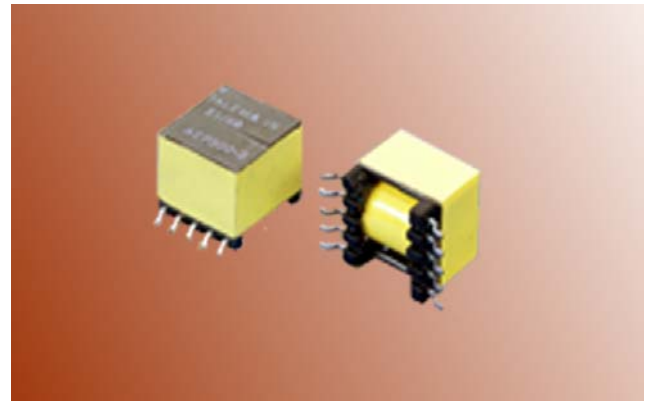




ADSL Transformers for Linear Technology's Chipsets

Features

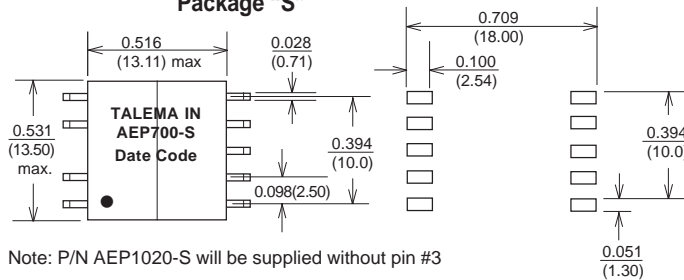
- complies with ANSI and ETSI requirements
- matched to Linear Technology's LT1497 chipsets
- very low THD
- 1500V minimum isolation
- all materials approved to UL94V-0
- excellent quality at competitive price due to high volume production
- manufactured in an ISO-9001:2000, TS-16949:2002 and ISO-14001:2005 certified Talema facility
- fully RoHS compliant and meets lead free reflow level J-STD-020C



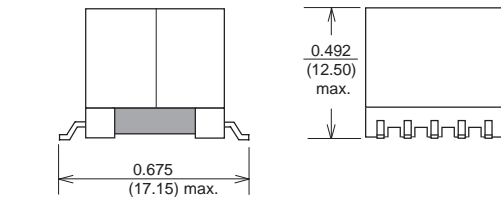
Electrical Specifications @ 25°C • Operating Temperature -40° to +85°C

Part Number	Package	IC Driver	Turns Ratio ±2% Line : IC	L _p (μH) ±5%	L _L (μH) Max	C _{ww} (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"



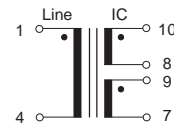
Note: P/N AEP1020-S will be supplied without pin #3



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

Weight: 6.8 grams

Schematic



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