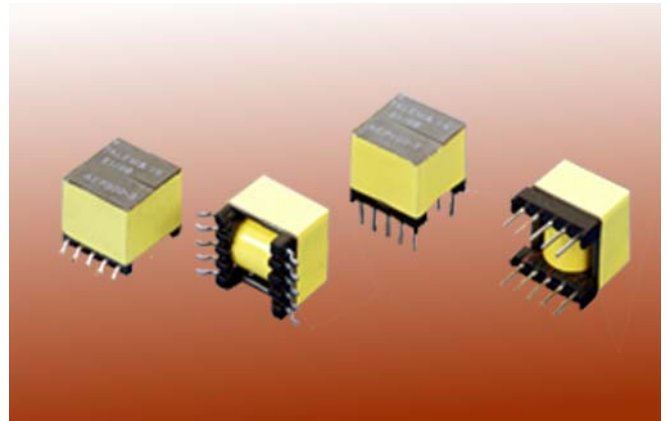




## ADSL Transformers for Conexant Chipsets

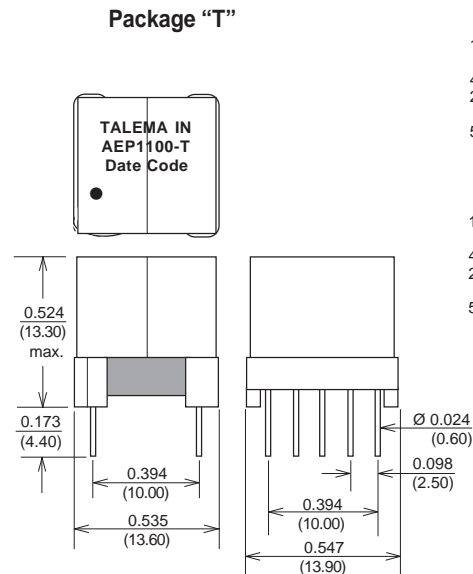
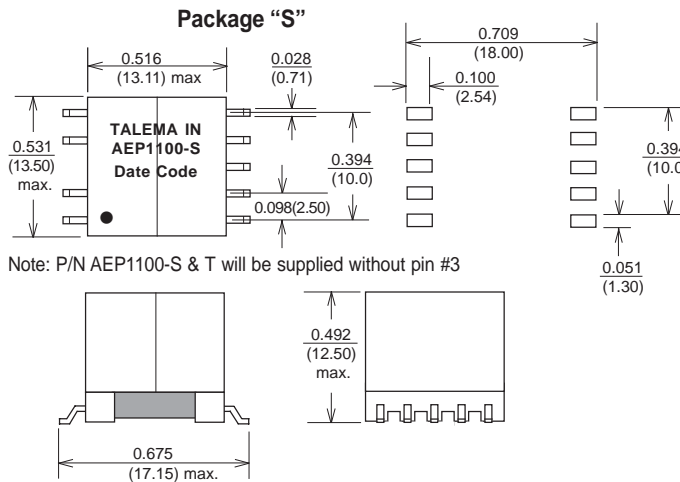
### Features

- complies with ANSI and ETSI requirements
- matched to Conexant's 328R58-001 & 328R57-001 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-9001:2000, TS-16949:2002 and ISO-14001:2004 certified Talema facility
- fully RoHS compliant and meets lead free reflow level J-STD-020C

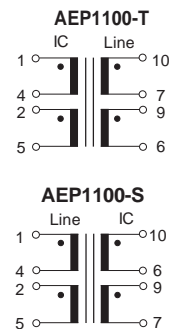


### Electrical Specifications @ 25°C • Operating Temperature -40° to +85°C

Part Number	Package	IC Driver	Turns Ratio ±2% Line : IC	L <sub>p</sub> (μH) ±10%	L <sub>L</sub> (μH) Max	C <sub>vw</sub> (pF) Max	DCR (Ohms) Max Line / IC	THD (Linearity) Typical 100kHz	Longitudinal Balance Min 25kHz-1MHz	Insertion Loss Max 100kHz	Frequency Response Max 30kHz- 1.1MHz	Isolation Voltage (Vrms) 1500
AEP1100-T	TH	328R58-001 CO/CPE	2 : 1	800	10	50	1.48 / 0.77	-80dB	-40dB	0.5dB	1.0dB	1500
AEP1100-S	SMD	328R57-001 CO/CPE										



### Schematic



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

Weight: 6.8 grams

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