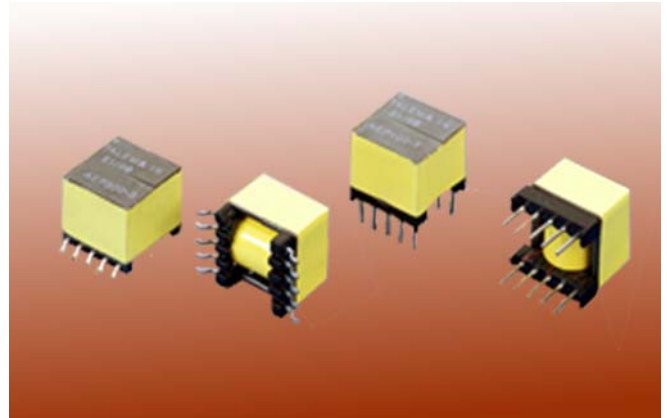




ADSL Transformers for Texas Instrument's Chipsets

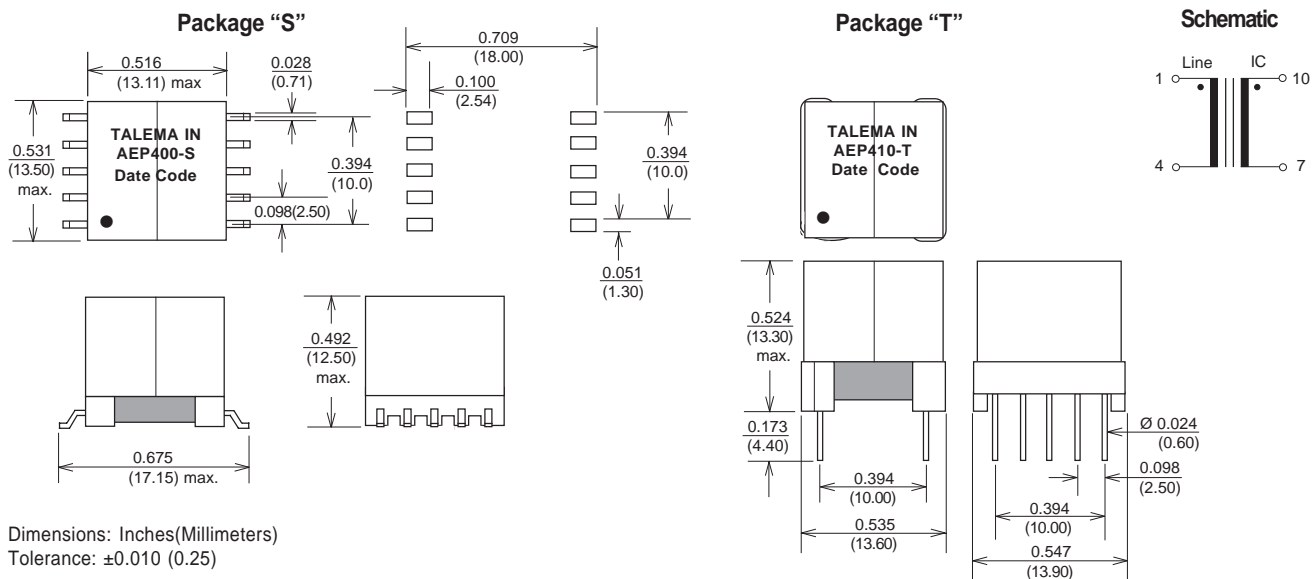
Features

- complies with ANSI and ETSI requirements
- matched to TI's TNETD4000R, TNETD4000C/P and TNETD3000C/P 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 _p (mH) ±6%	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)
AEP400-T AEP400-S	TH SMD	TNETD4000R TNETD3000C/P	1.423 : 1	1.5	18	40	1.75 / 0.80	-80dB 100kHz	-50dB 30kHz-1.1MHz	0.5dB 300kHz	0.5dB 30kHz-1.1MHz	1500
AEP410-T AEP410-S	TH SMD	TNETD4000C/P	1.95 : 1	1.5	12	45	1.55 / 0.90	-80dB 100kHz	-50dB 30kHz-1.1MHz	0.5dB 300kHz	0.5dB 30kHz-1.1MHz	1500



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