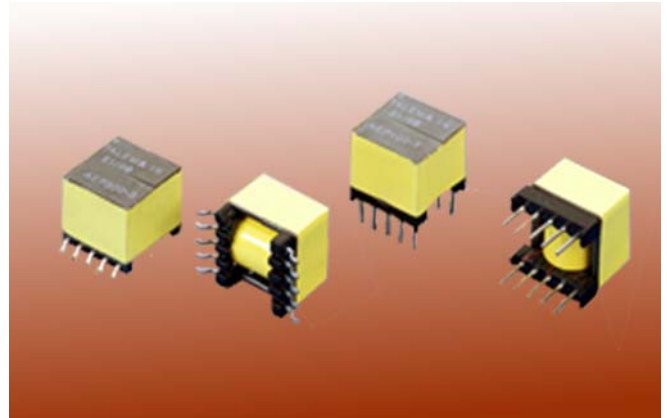




ADSL Transformers for Texas Instrument's Chipsets

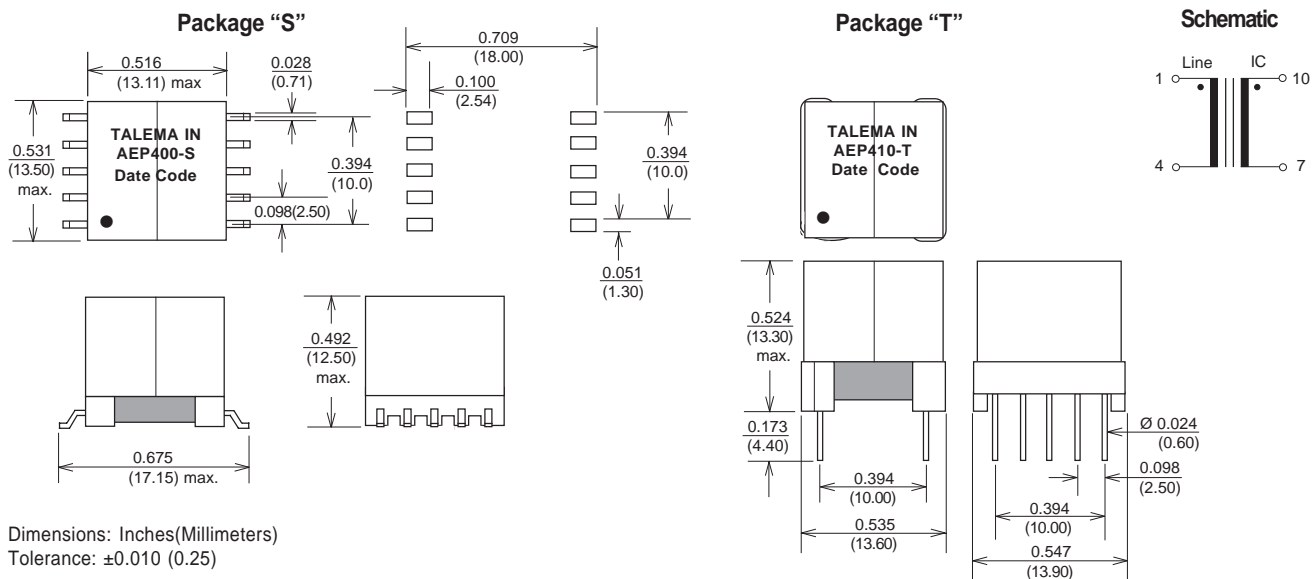
Features

- 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



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

Weight: 6.8 grams

Sales & Marketing, Design and Manufacturing Facilities

<http://www.talema-nuvotem.com>

Eastern Europe & Czech Republic

NT MAGNETICS s.r.o.
Chebská 27
322 00 Plzeň
Tel: Int. + 420 37 - 744 9303
Fax: Int. + 420 37 - 744 3697
Email: talema@talema.cz

Germany

TALEMA ELEKTRONIK GMBH
Sembdnerstr. 5, Postfach 2523
82110 Germering
Tel: Int. + 49 89 - 841 00 - 0
Fax: Int. + 49 89 - 841 00 25
Email: info@talema.de

Ireland

NUVOTEM TEO.
Crolla
Co. Donegal
Tel: Int. + 353 74 - 954 8666
Fax: Int. + 353 74 - 954 8139
Email: info@nuvotem.com

India

TALEMA ELECTRONIC PVT. LTD.
Opposite the SIDCO Industrial Estate
Gins Towers
4/5S.H/1, Omalur Main Road
Salem - 636 004, Tamil Nadu
Tel: Int. + 91 427 - 244 1325
Fax: Int. + 91 427 - 243 0034
E-mail: talema@talemaindia.com

THE TALEMA GROUP • Magnetic Components for ISDN / xDSL / LAN Data Communications