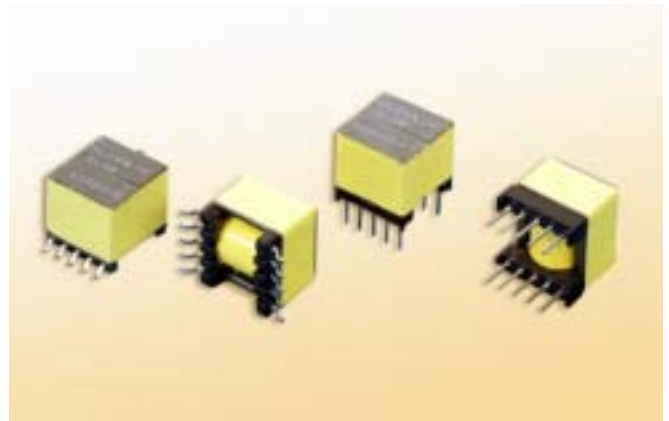


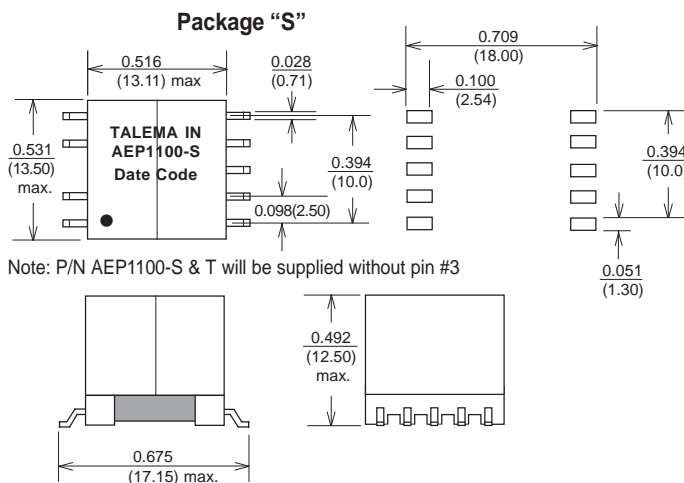
### Features

- 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 approved Talema facility



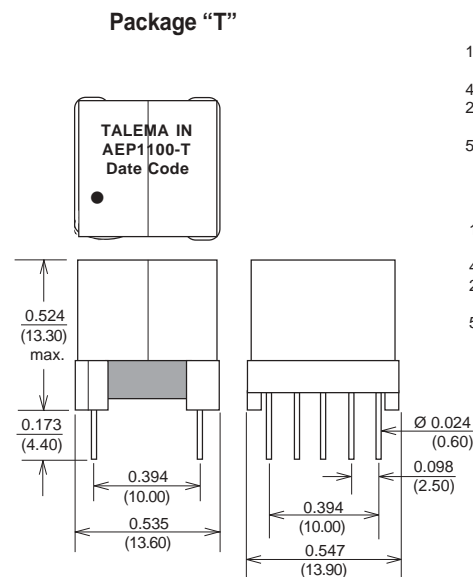
### Electrical Specifications @ 25°C • Operating Temperature -40° to +85°C

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

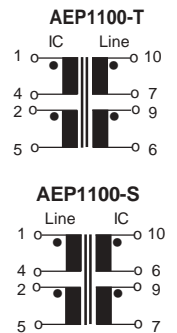


Dimensions: Inches(Millimeters)  
Tolerance: ±0.010 (0.25)

Weight: 6.8 grams



### Schematic



### Sales & Marketing, Design and Manufacturing Facilities

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

#### Eastern Europe & Czech Republic

NT MAGNETICS s.r.o.  
Jablonského 7  
326 00 Plzeň  
Tel: Int. + 420 37 - 744 9303  
Fax: Int. + 420 37 - 744 3697  
Email: talema@talema.cz

#### Germany

TALEMA ELEKTRONIK GMBH  
Riesstr. 8, Postfach 2523  
82110 Germering  
Tel: Int. + 49 89 - 841 00 - 0  
Fax: Int. + 49 89 - 841 00 25  
Email: info@talema.isar.de

#### Ireland

NUVOTEM TEO.  
Crollý  
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