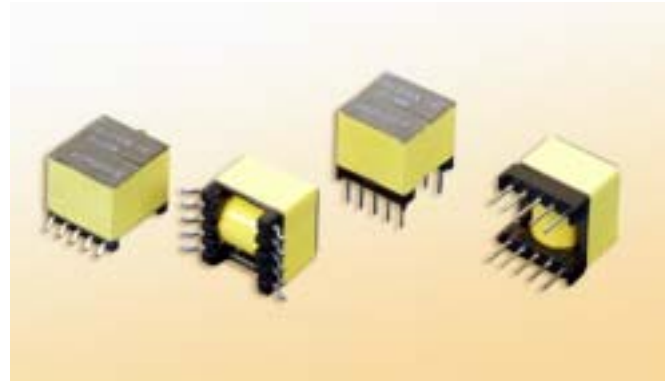




## SDSL/SHDSL Transformers for Infineon Chipsets

### Features

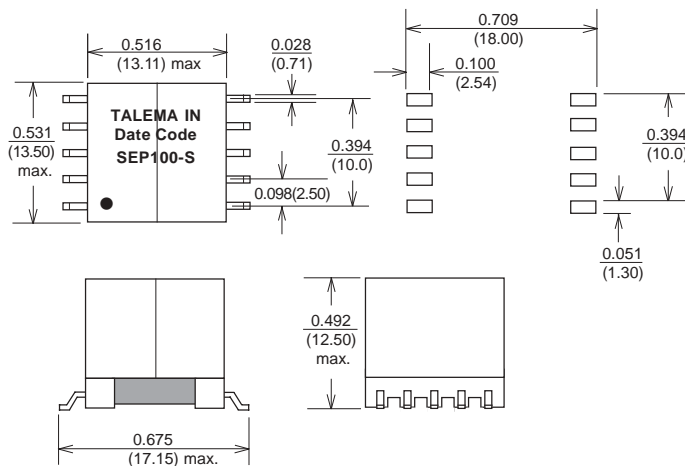
- complies with ANSI and ETSI requirements
- matched to Infineons PEB22622, PEF22623 & PEF24622 chipsets
- very low THD
- 2000V minimum isolation
- all materials approved to UL94V-0
- excellent quality at competitive price due to high volume production
- manufactured in ISO-9001 approved Talema facility



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

Part Number	Package	Turns Ratio ±2% Line : IC:Sense	L <sub>P</sub> (mH) ±10%	L <sub>L</sub> (µH) Max.	DCR (Ohms Max.) Line / IC	DCR (Ohms Max.) Sense Winding	Isolation Voltage (Vrms)
SEP100-T	TH	3.2 : 1 : 1	3.0	25	5.0 / 0.80	3.6	2000
SEP100-S	SMD						

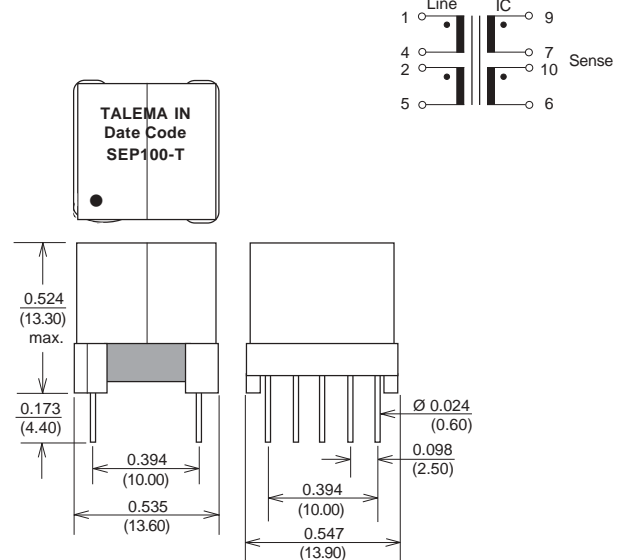
#### Package "S"



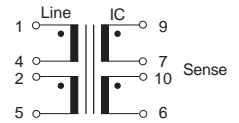
Dimensions: Inches(Millimeters)  
Tolerance: ±0.010 (0.25)

Weight: 6.8 grams

#### Package "T"



#### Schematic



## 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.  
Crolly  
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