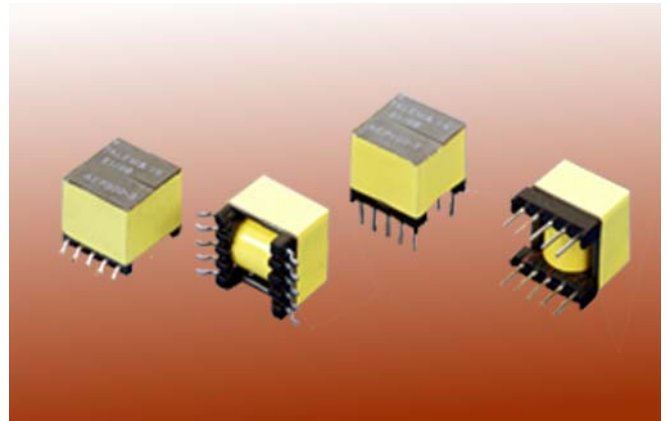




ADSL Transformers for Fujitsu Chipsets

Features

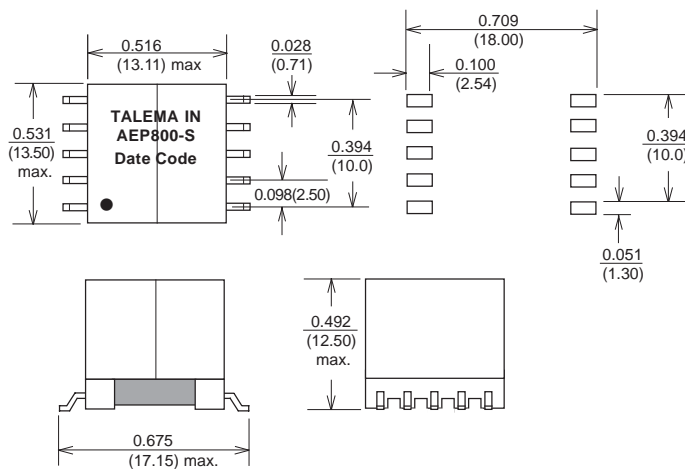
- complies with ANSI and ETSI requirements
- matched to Fujitsu's Keywave MB86670 chipsets
- very low THD
- 1500V minimum isolation
- all materials approved to UL94V-0
- excellent quality at competitive price due to high volume production
- manufactured in ISO-9001:2000, TS-16949:2002 and ISO-14001:2004 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 _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	Frequency Response Max	Isolation Voltage (Vrms)
AEP800-T	TH	MB86670	2 : 1	2.0	12	60	2.50 / 1.30	-80dB 100kHz	-40dB 30kHz-1.1MHz	0.5dB 100kHz	0.5dB 30kHz-1.1MHz	1500
AEP800-S	SMD	CO										

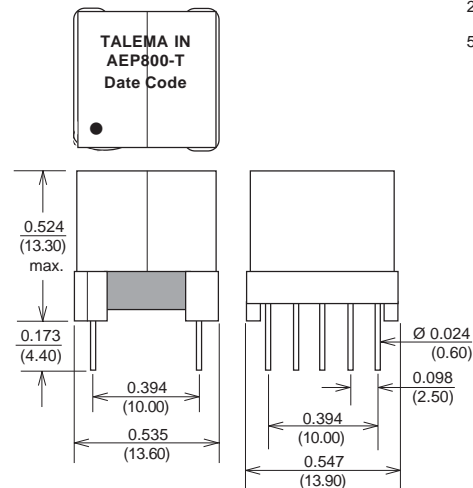
Package "S"



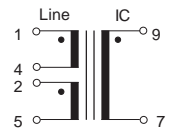
Dimensions: Inches (Millimeters)
Tolerance: ±0.010 (0.25)

Weight: 6.8 grams

Package "T"



Schematic



Sales & Marketing, Design and Manufacturing Facilities

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

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