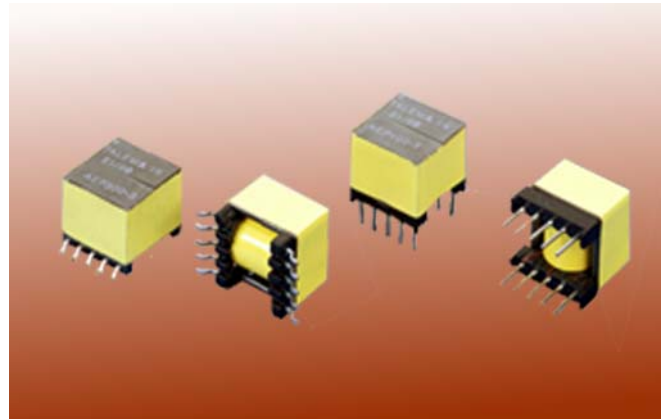




ADSL Transformers for ITEX Chipsets

Features

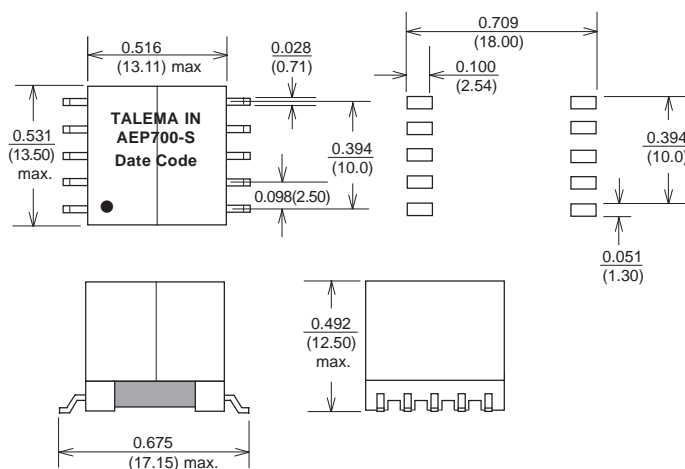
- complies with ANSI and ETSI requirements
- matched to ITEX's i80134 & i80234 chipsets
- very low THD
- 1500V minimum isolation
- all materials approved to UL94V-0
- excellent quality at competitive price due to high volume production
- manufactured in ISO-9001:2000, TS-16949:2002 and ISO-14001:2004 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 (µH) ±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)
AEP700-T	TH	i80134 CPE	1 : 1	462	10	50	1.35 / 1.55	-80dB 30kHz	-40dB 20kHz-1.1MHz	0.5dB 772kHz	1.25dB 30kHz-1.1MHz	1500
AEP700-S	SMD	i80234 CPE										

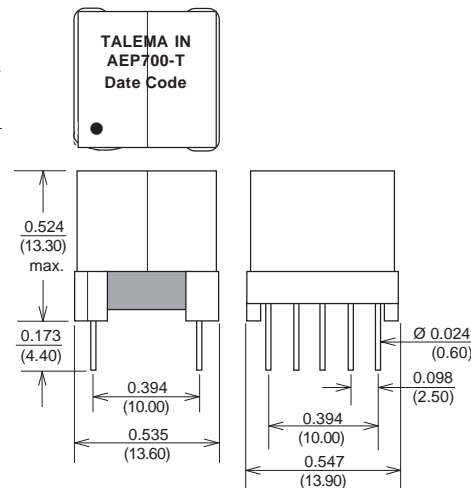
Package "S"



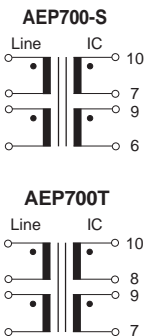
Dimensions: Inches(Millimeters)
Tolerance: ±0.010 (0.25)

Weight: 6.8 grams

Package "T"



Schematic



Sales & Marketing, Design and Manufacturing Facilities

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

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