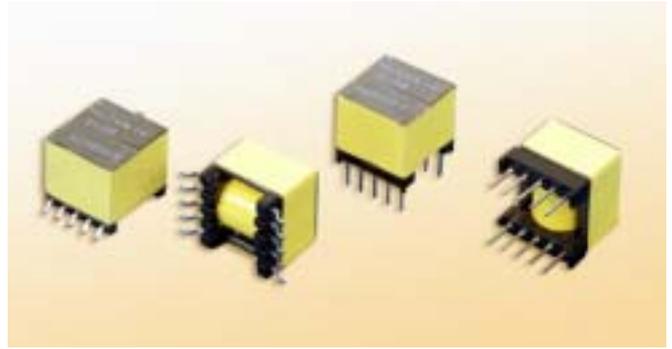




ADSL Transformers for Motorola's Chipsets

Features

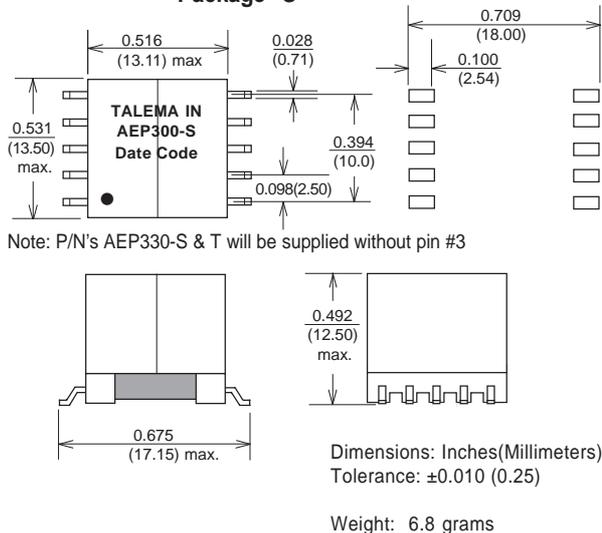
- complies with ANSI and ETSI requirements
- matched to Motorola's MC03AX1456RT, MC03AX1456, MC143460 & MC143462 chipsets
- very low THD
- 1500V minimum isolation
- all material approved to UL94V-0
- excellent quality at competitive price due to high volume production
- manufactured in ISO-9001 approved Talema facility



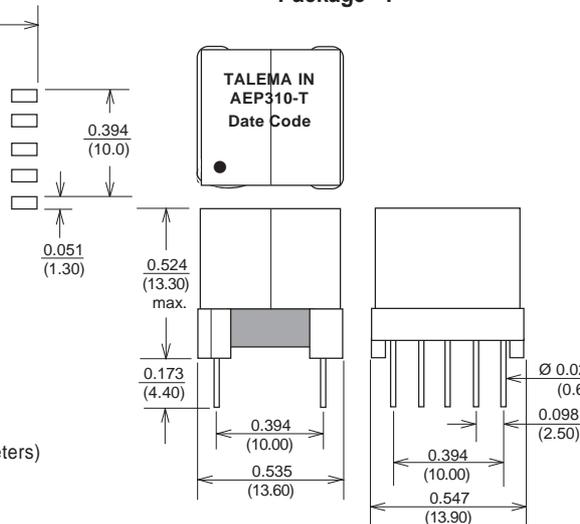
Electrical Specifications @ 25°C • Operating Temperature -40° to +85°C

Part Number	Package	IC Driver	Turns Ratio ±2% Line : IC	L _p (mH) ±5%	L _L (μH) Max	C _{www} (pF) Max	DCR (Ohms) Max Line / IC	THD (Linearity) Typical	Longitudinal Balance Min	Insertion Loss Max	Freq. Response Max	Isolation Voltage (Vrms)
AEP300-T	TH	MC03ZX1456RT CPE	1 : 1.8	3.96	25	50	4.40 / 8.00	-80dB 30kHz	-40dB 25kHz-1MHz	0.5dB 100kHz	0.5dB 30kHz-1.1MHz	1500
AEP300-S	SMD											
AEP310-T	TH	MC03AX1456 CO & CPE	1.2 : 1	3.96	15	50	4.20 / 3.80	-80dB 100kHz	-40dB 25kHz-1MHz	0.5dB 100kHz	0.5dB 30kHz-1.1MHz	
AEP310-S	SMD											
AEP320-T	TH	MC143460/462	1.2 : 1	3.96	15	50	2.90 / 2.50	-80dB 100kHz	-40dB 25kHz-1MHz	0.5dB 100kHz	0.5dB 30kHz-1.1MHz	
AEP320-S	SMD											
AEP330-T	TH	MC0SAX1456RT CPE	1 : 1.8	3.96	25	60	4.40 / 8.00	-80dB 30kHz	-40dB 25kHz-1MHz	0.5dB 100kHz	0.5dB 30kHz-1.1MHz	
AEP330-S	SMD											

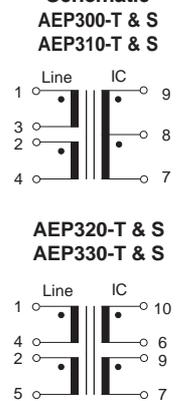
Package "S"



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.
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