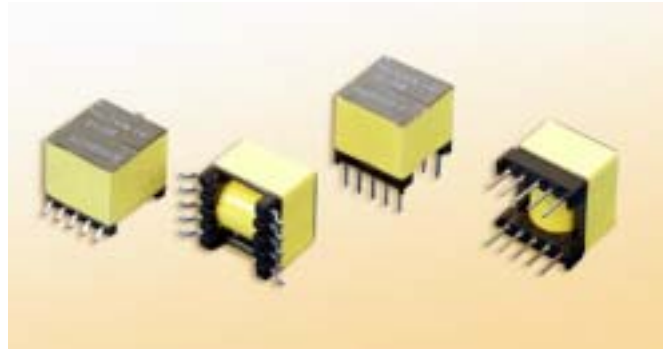


Features

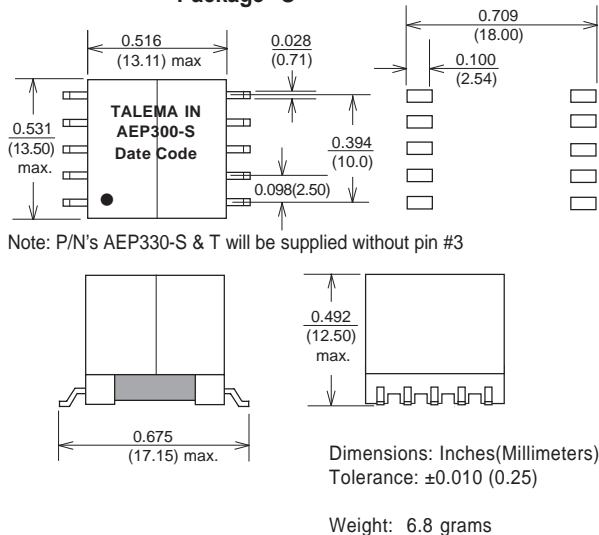
- complies with ANSI and ETSI requirements
- matched to Motorola's MC03AX1456RT, MC03AX1456, MC143460 & MC143462 chipsets
- very low THD
- 1500V minimum isolation
- all material approved to UL94V-0
- excellent quality at competitive price due to high volume production
- manufactured in ISO-9001 approved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



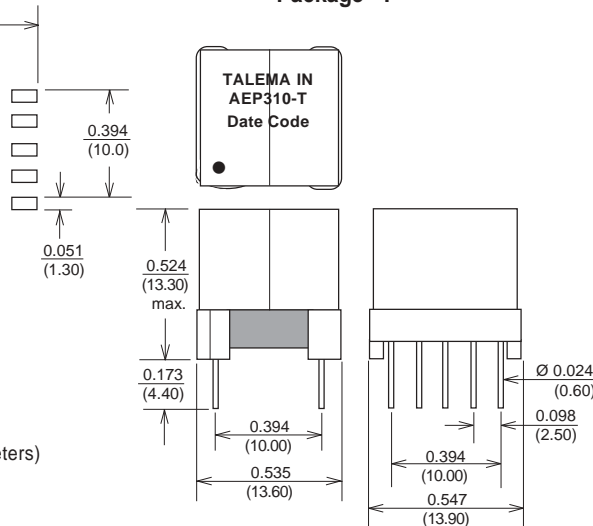
Electrical Specifications @ 25°C • Operating Temperature -40° to +85°C

Part Number	Package	IC Driver	Turns Ratio ±2% Line : IC	L _P (mH) ±5%	L _L (µH) Max	C _{WW} (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"

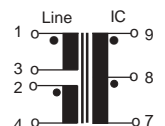


Package "T"

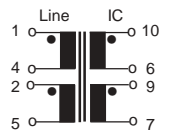


Schematic

AEP300-T & S
AEP310-T & S



AEP320-T & S
AEP330-T & S



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