



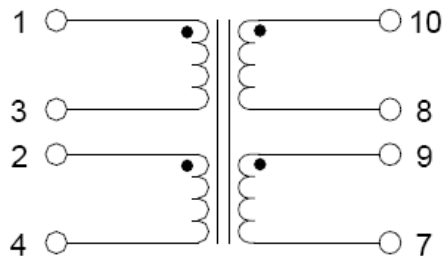
- 1) Small footprint
- 2) For use with Alcatel's DynaMiTe MTK-20140 ADSL chipset
- 3) Excellent THD performance

A) Electrical Specifications @25°C Operating temperature -40°C To +85°C

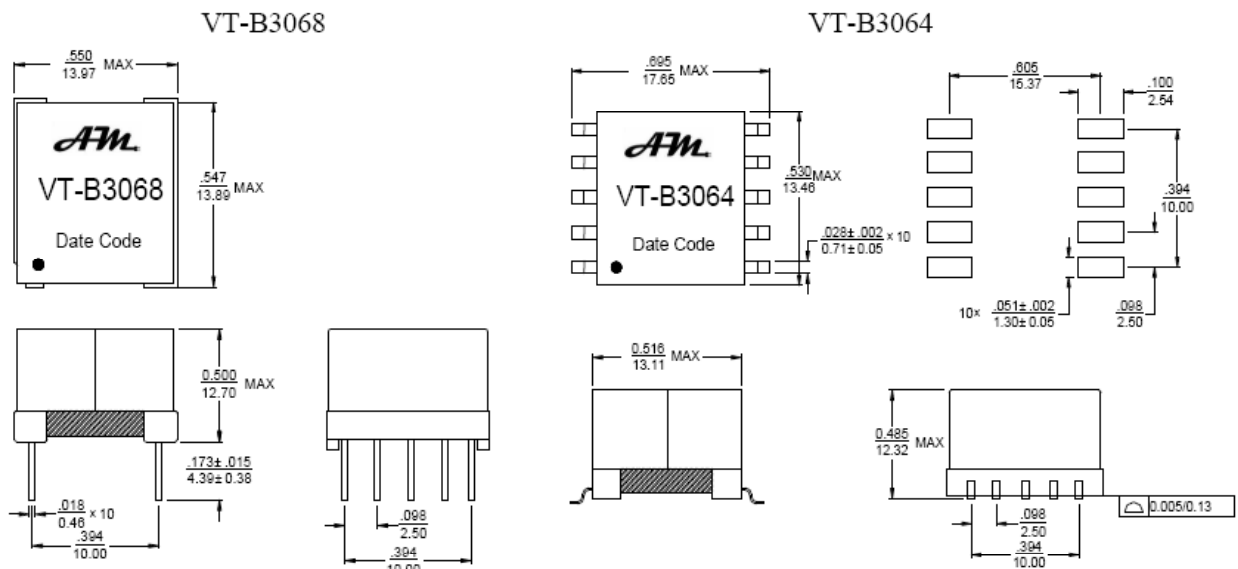
Part Number	Mounting	Turns ratio (+/- 2%)	OCL @ 10 KHz, 0.1 V	Leakage inductance	DCR	Application
		(1-4):(10-7)	1-4 with (2-3) shorted	(1-4) @300KHz, 0.1V with (2-3),(7-10)and(8-9)shorted	(1-4)with 2-3 shorted	
VT-B3068	THT	2 : 1 (Line to chip)	369 - 451uH	6.5 uH Max.	0.6 ohm Max.	CO
VT-B3064	SMT	1 : 1 (Line to chip)	432 - 528uH	10.0uH Max.	1.0 ohm Max.	CPE
Additional Specifications						
Part Number	THD	Longitudnal Balance	Isolation Voltage	Insertion Loss *		
	(Linearity-Typical)	from 30KHz to 1.1MHz	(Vrms)	(@100KHz and 1.1MHz)		
VT-B3068	-72dB Min. @ 20KHz	-40 dB Min.	1500	<1.0dB		
VT-B3064	-72dB Min. @ 10KHz	-40 dB Min.	1500	<1.0dB		

* Frequency Response: +/- 0.5dB MAX, from 100 KHz to 1.1MHz ; -1.5dB MAX from 30 to 100KHz

B) Schematics



C) Mechanical Dimensions (Unit: inches / mm)



Unless otherwise specified, all tolerance are +/- .010/0.25