

## HDSL LINE TRANSFORMERS

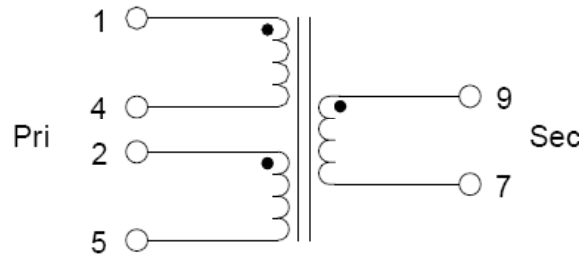


- 1) Small footprint
- 2) For use with conexant's RS8973 HDSL chipset
- 3) Excellent THD performance
- 4) Designed to meet UL1950 and EN60950 requirements for supplementary insulation and at 250V working voltage

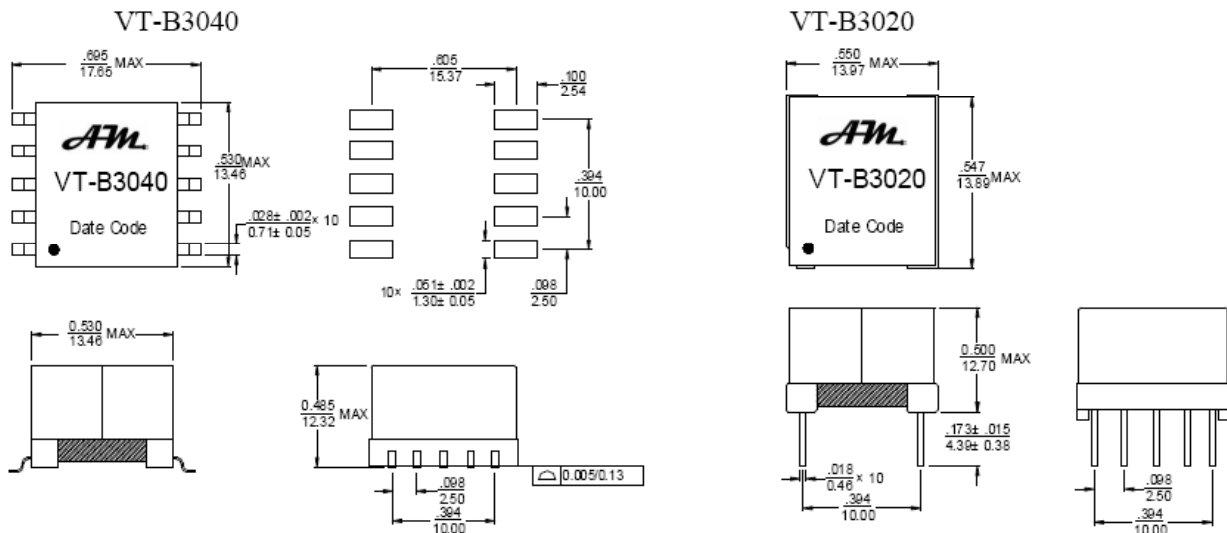
### A) Electrical Specifications @25°C Operating temperature 0°C To 70°C

Part Number	Mounting	Turns ratio (Line-Chip) +/- %	OCL (+/-6 %) 1-5(2-4 shorted)	Leakage inductance (TYP)	DCR Primary	DCR Secondary
VT-B3020	THT	2 : 1	2.00mH	15.0uH	2.5 Ohm Max.	1.0 Ohm Max.
VT-B3040	SMT	2 : 1	2.00mH	15.0uH	2.5 Ohm Max.	1.0 Ohm Max.
Additional Specifications						
Part Number	THD (Linearity)	Longitudnal Balance from 30KHz to 300KHz	Isolation Voltage (Vrms)	Insertion Loss from 30KHz to 580KHz		
VT-B3020	-70dB Min. @ 20KHz	-50 dB Min.	1500	0.65 dB		
VT-B3040	-70dB Min. @ 20KHz	-50 dB Min.	1500	0.65 dB		

### B) Schematics



### C) Mechanical Dimensions ( Unit: inches / mm )



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