

ADSL LINE TRANSFORMER
P/N: AD-2139 DATA SHEET



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Feature

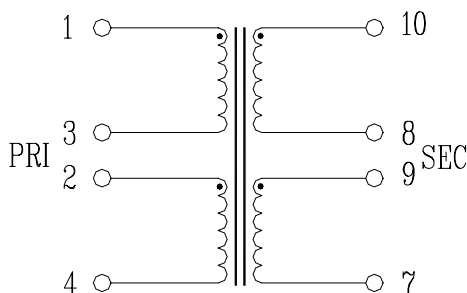


- For use with Globe span ADSL/RADSL Line Driver IC (EL-1501) at the Customer Premise.
- Excellent THD performance in a small footprint.
- Operating Temperature.: -10°C to +60°C.
- Storage Temperature.: -25°C to +75°C.

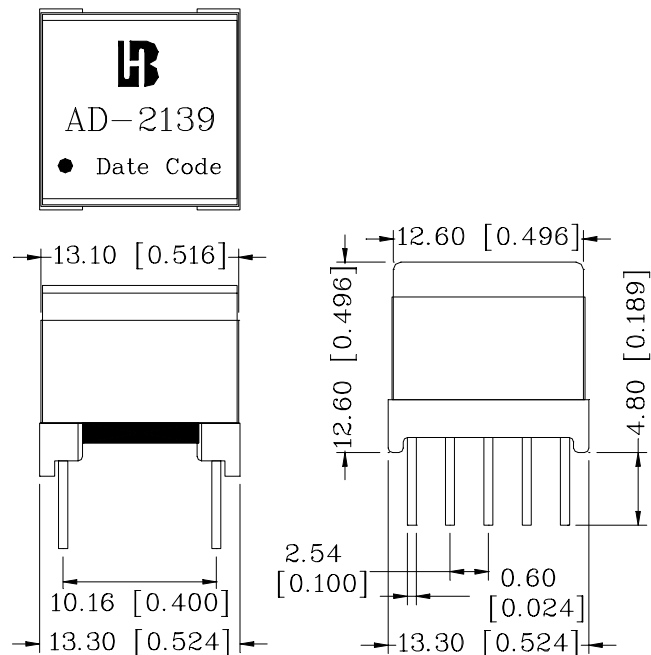
Electrical Specifications @ 25°C						
Part Number	Application	Mounting	Turn Ratio (±2%) (1-4):(10-7)	OCL (µH ±5%) @ 10KHz,0.1 V	Leakage Inductance (µH Max) @300 KHz,0.1V	Longitudinal Balance (dB Min) (from 30KHz to1.1 KHz)
				(1-4) ,(2+3) short	(1-4),(2+3,10+7,9+8)short	
AD-2139	CPE	THT	1:1	407	10.0	-46

Additional Specifications							
Part Number	THD (dB Max) (Linearity-Typical)	DC Resistance (Ω ±10%)				Isolation Voltage (Vrms)	Insertion Loss (dB Max) @ 772 KHz
		1-3	2-4	10-8	9-7		
AD-2139	-85 @ 100KHz	0.95		0.65		1875	-0.5

Schematic



Mechanical



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]
 0.xx±0.05[0.002]