

MODEL HT83 SERIES

Common Mode Chokes for High Speed Telecommunications

NEW PRODUCT



FEATURES AND BENEFITS

- Supports industry standard VDSL/HDSL transceivers
- Excellent common mode attenuation characteristics
- Meets standard dielectric withstanding voltage requirements
- Available in through hole and surface mount designs with gold plated leadless pads
- Conforms to ANSI, ITU and ETSI standards
- Can be customized to meet unique specifications

APPLICATIONS

- Designed for 784 Kb/s, 1168 Kb/s and up to 18.8 Mb/s applications

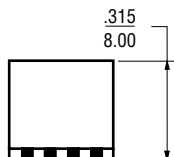
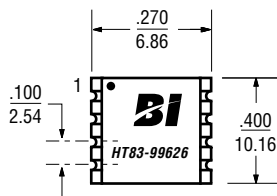
ELECTRICAL @ 25°C

Part Number	Open Circuit Inductance	Common Mode Attenuation					Parallel Impedance @ 10 MHz
		0.5 MHz dB	1.0 MHz dB	10.0 MHz dB	50 MHz dB	100 MHz dB	
HT83-99626	2.7 mH	45	49	35	—	—	7.5 K Ω
HT83-99654	1 mH	20	30	30	20	20	—
HT83-99655	24 μ H	—	5	20	20	20	—

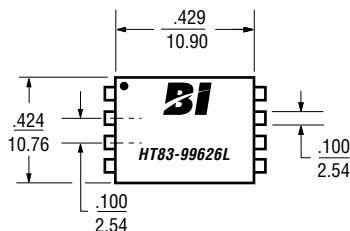
Specifications subject to change without notice.

OUTLINE DIMENSIONS (Inch/mm)

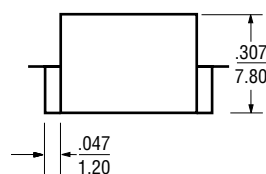
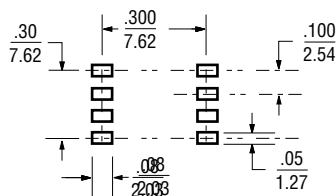
HT83-99626A - Surface Mount



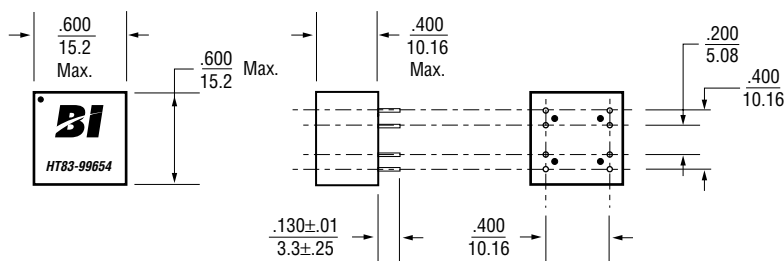
HT83-99626L - Surface Mount, Low Cost Version



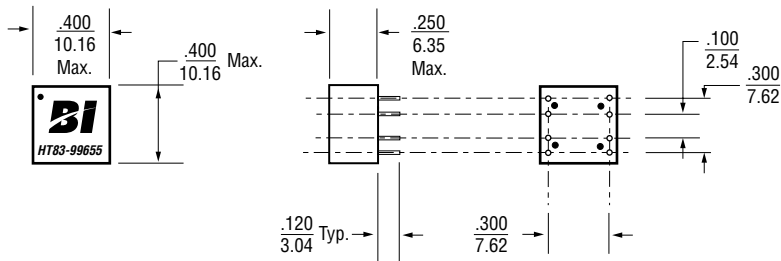
Recommended PCB Layout



HT83-99654 - Through Hole

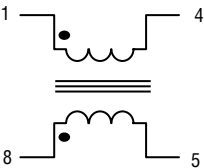


HT83-99655 - Through Hole

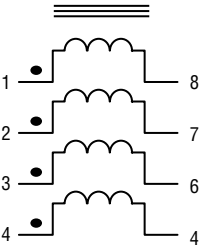


SCHEMATICS

HT83-99626



HT83-99654 & HT83-99655



PACKAGING

Standard: Plastic Tubes

Capacity	HT83-99626	=	74 Units
	HT83-99654	=	33 Units
	HT83-99655	=	50 Units

ORDERING INFORMATION

