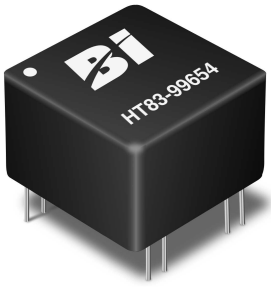
MODEL HT83 SERIES

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

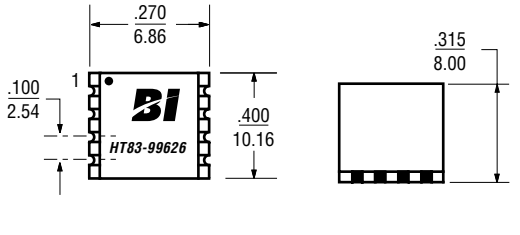
ELECTRICAL @ 25°C

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

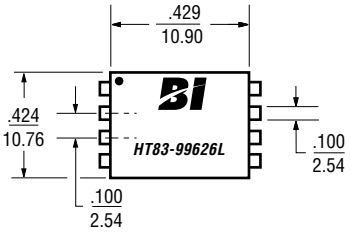
Specifications subject to change without notice.

OUTLINE DIMENSIONS (Inch/mm)

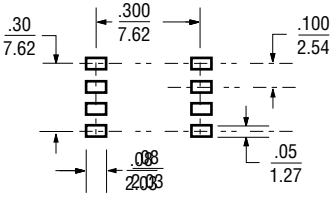
HT83-99626A - Surface Mount

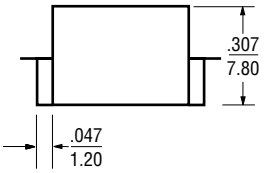


HT83-99626L - Surface Mount, Low Cost Version

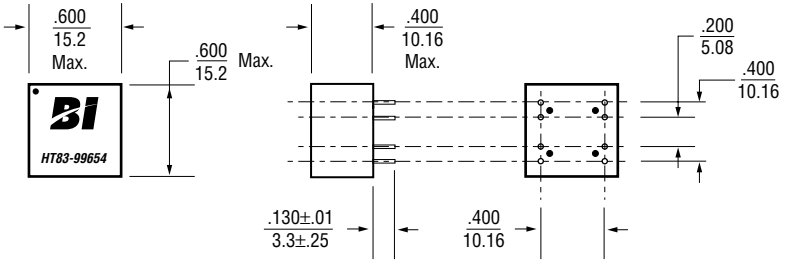


Recommended PCB Layout

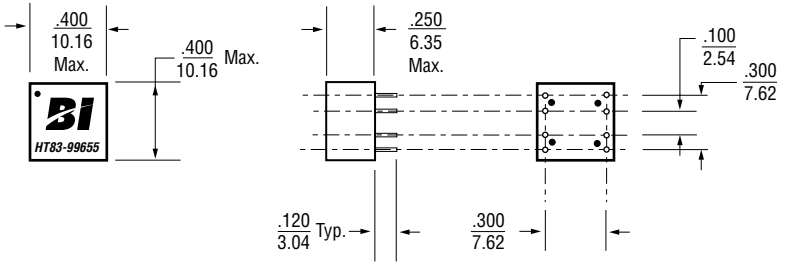




HT83-99654 - Through Hole

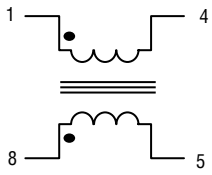


HT83-99655 - Through Hole

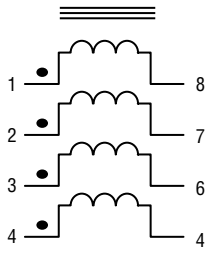


SCHEMATICS

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

HT83 99626 L

Model Series:
Common Mode Chokes

L = Low Cost Version
(Applicable to HT83-99626 Only)

Factory Code
(Package/Schematic)