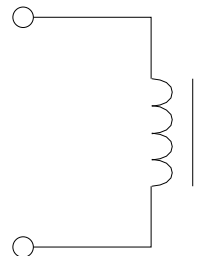


**TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C**

PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
OCL INDUCTANCE: VOLTAGE = 0.100Vrms FREQUENCY = 100.0 KHZ	18.0	21.0	24.0	μHy
BIASED INDUCTANCE:				
I <sub>DC</sub> = 7.0A	—	16	—	μHy
I <sub>DC</sub> = 10.0A	—	14	—	μHy
I <sub>DC</sub> = 12.0A	—	13	—	μHy
DC RESISTANCE	—	0.004	0.006	Ohms

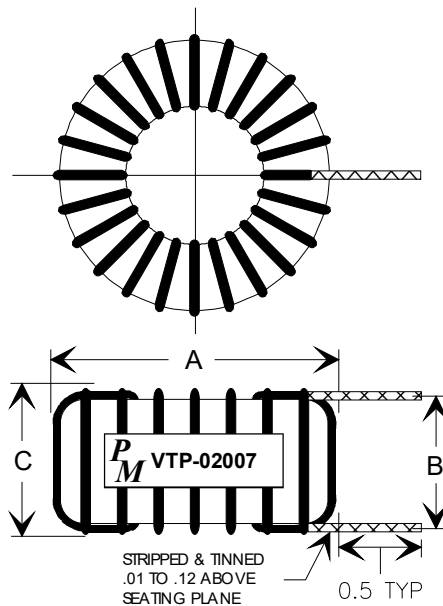
**FIGURE 1: SCHEMATIC DIAGRAM**



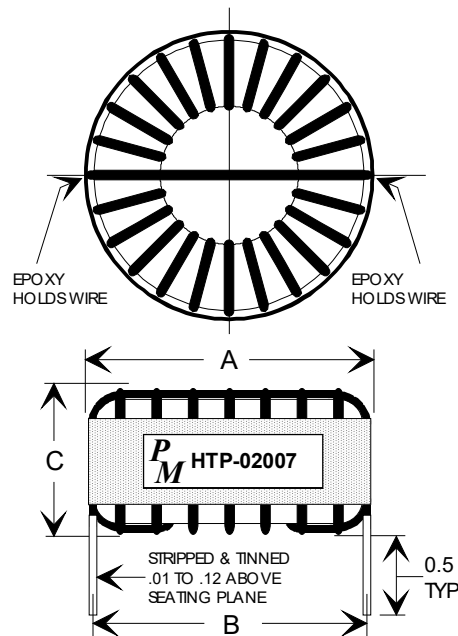
**FIGURE 2: PHYSICAL DIMENSIONS IN INCHES**

DIMENSIONS IN INCHES				
A MAX	VT/B TYP	HT/B TYP	C MAX	LEAD DIA.
1.150	.630	.950	.730	.065

**VTP-02007 OUTLINE  
VERTICAL MOUNT**



**HTP-02007 OUTLINE  
HORIZONTAL MOUNT**



**RoHS**

REV.	DESCRIPTION OF CHANGES	BY
09/12/00	UPDATE RELEASE	LL



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
DIMENSIONAL TOLERANCES ARE:  
DECIMALS ANGLES  
.XX ± .03 ± 1°  
.XXX ± .020  
DO NOT SCALE DRAWING

<b>MIX #52 INDUCTOR CONTROL DRAWING</b>	
PREMIER P/N: VTP-02007 AND HTP-02007	
DRAWN BY: TOM O'NEIL	REVISION: 09/12/00
SCALE: NONE	SHEET: 1 OF 1