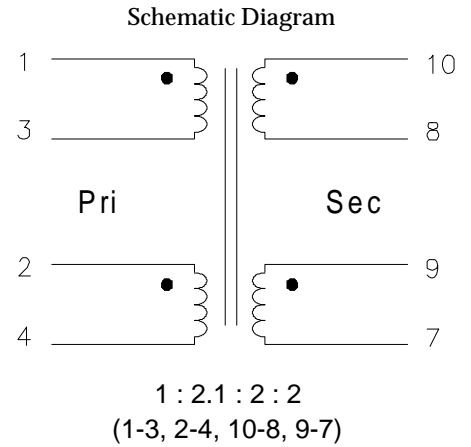


# xDSL Transformer

## Reinforced Insulation Per EN 41003/EN 60950

Turns Ratio ( ± 3 %)		1:2.1:2:2		
PARAMETER	MIN.	NOM.	MAX.	UNITS
<sup>1</sup> Inductance (1-3)		25		μH
<sup>1</sup> Inductance (2-4)		110		μH
<sup>1</sup> Inductance (7-9)		100		μH
<sup>1</sup> Inductance (8-10)		100		μH
<sup>1</sup> Leakage Inductance (1-3) with 2,4 7,9,8,10 shorted			.5	μH
<sup>1</sup> Interwinding Capacitance (Between primary & secondary)			25	pF
Resistance (1-3)			.5	Ω
Resistance (2-4)			1.0	Ω
Resistance (7-10) 8,9 shorted			2.0	Ω
Isolation (Hi-Pot) $V_{RMS}$	3000			
Insertion loss 40 KHZ to 1.5 MHZ			0.5	dB
Insertion loss 30 KHZ to 2.0 MHZ			3.0	dB
THD 15 Vp-p @ 100 KHZ			-85	dB
<sup>2</sup> Longitudinal balance			-60	dB
DC Bias			2	mA

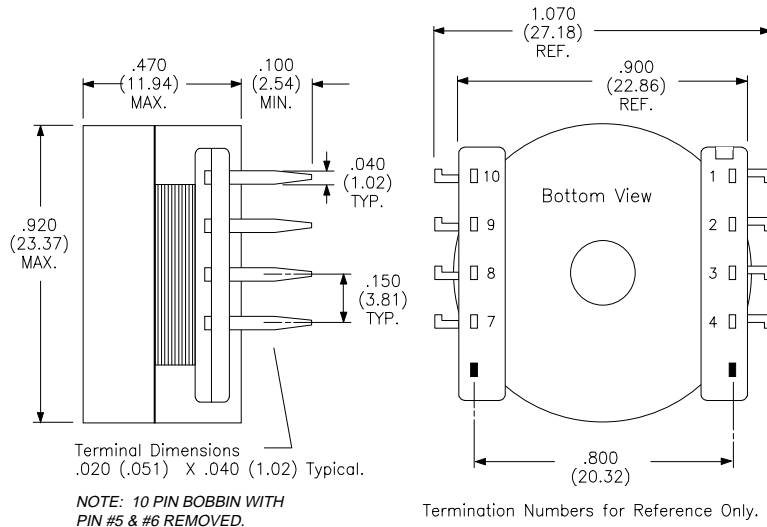
<sup>1</sup>Tested @ 100kHz & 100 mV<sub>RMS</sub>  
<sup>2</sup>Tested at 20 KHZ to 1 MHZ



**This part is available in Surface Mount. Add Suffix "G" to part number.**

**Physical Dimensions**  
inches (mm)

Unused Pins Omitted



<b>RHOMBUS P/N: T-886</b>	
CUST P/N:	NAME: GLOBESPAN
DATE: 1/27/97	SHEET: 1 of 1