

# TYPE 13Z

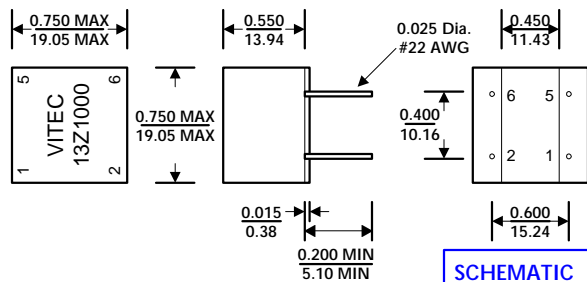
## CONTROL TRANSFORMERS

### FEATURES

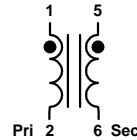
- Meets design requirements of most sine wave inverter circuits.
- High ET-Ratings.
- High dielectric strength capability.
- Fast rise time.
- Low interwinding capacitance.
- Materials meet flamability requirement of UL94v0.
- Manufactured to UL recognized 130 insulation system.
- UL file# E107307.
- Peak pulse voltage: 100 to 300 Volts

Picture removed  
for faster  
downloading

### CASE STYLE 1

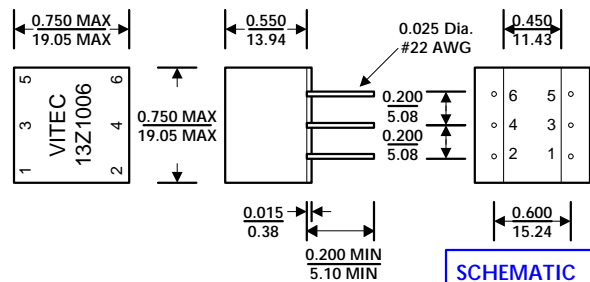


#### SCHEMATIC

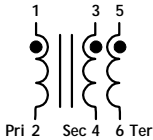


Dimensions Inches/mm +/- 0.01" Unless noted

### CASE STYLE 2



#### SCHEMATIC



Dimensions Inches/mm +/- 0.01" Unless noted

### ELECTRICAL CHARACTERISTICS @ +25°C

Part Number	Turns Ratio	Primary* Inductance	Primary ET-Rating	Pri/Sec Cc	Pri/Sec LL	Pri DCR	Sec DCR	Dielectric Test	Case Style
		mH	VμS	pF	μH	Ohm	1 Ohm		
		MIN	MIN	MAX	MAX	MAX	MAX		
13Z1000	1:1	0.2	180	24.0	3.2	1.4	1.5	1600	1
13Z1001	1:1	1.0	360	30.0	15.0	2.8	3.1	1600	1
13Z1002	1:1	5.0	866	36.0	64.0	6.0	7.5	1600	1
13Z1003	2:1	0.2	180	24.0	5.0	1.4	0.9	1600	1
13Z1004	2:1	1.0	360	30.0	13.0	2.8	1.8	1600	1
13Z1005	2:1	5.0	866	36.0	65.0	6.0	3.6	1600	1
13Z1006	1:1:1	0.2	180	30.0	5.0	1.4	1.5	1600	2
13Z1007	1:1:1	1.0	360	36.0	12.0	2.8	3.6	1600	2
13Z1008	1:1:1	5.0	866	42.0	80.0	6.0	7.2	1600	2
13Z1009	2:1:1	0.2	180	30.0	4.1	1.4	1.0	1600	2
13Z1010	2:1:1	1.0	360	36.0	30.0	2.8	2.0	1600	2
13Z1011	2:1:1	5.0	866	42.0	80.0	6.0	3.8	1600	2

Notes: \* Test Frequency at 10 KHz