

# TYPE 13Z

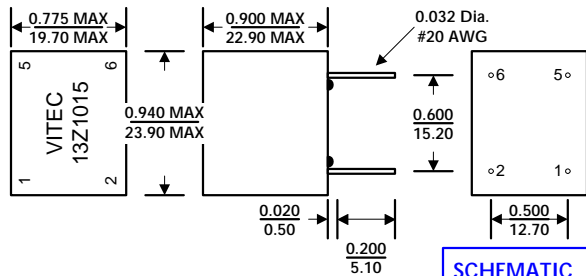
## CONTROL TRANSFORMERS

### FEATURES

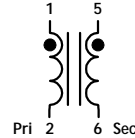
- Meets design requirements of most sine wave inverter circuits.
- High ET-Ratings.
- High dielectric strength capability.
- Fast rise time.
- Low interwinding capacitance.
- Materials meet flamability requirement of UL94v0.
- Manufactured to UL recognized 130 insulation system.
- UL file# E107307.
-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

Picture removed  
for faster  
downloading

### CASE STYLE 1

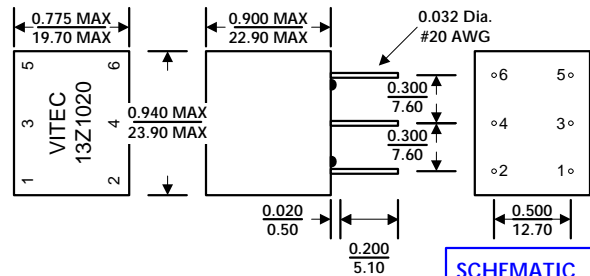


#### SCHEMATIC

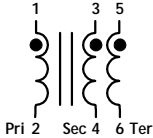


Dimensions Inches/mm +/- 0.01" Unless noted

### CASE STYLE 2



#### SCHEMATIC



Dimensions Inches/mm +/- 0.01" Unless noted

### ELECTRICAL CHARACTERISTICS @ +25°C

Part Number	Turns Ratio +/- 5%	Primary* Inductance	Primary ET-Rating	Pri/Sec Cc	Pri/Sec LL	Pri DCR	Sec DCR	Dielectric Test Vrms MIN	Case Style
		mH	VμS	pF	μH	Ohm	Ohm		
		MIN	MIN	MAX	MAX	MAX	MAX		
13Z1013	1:1	0.2	290	30.0	6.2	1.4	1.5	2400	1
13Z1014	1:1	1.0	700	36.0	26.0	3.0	3.2	2400	1
13Z1015	1:1	5.0	1500	62.0	130.0	6.3	7.0	2400	1
13Z1016	2:1	0.2	290	30.0	8.9	1.4	1.0	2400	1
13Z1017	2:1	1.0	700	36.0	24.0	3.0	2.0	2400	1
13Z1018	2:1	5.0	1500	42.0	125.0	6.3	4.0	2400	1
13Z1019	1:1:1	0.2	290	34.0	4.7	1.4	1.5	2400	2
13Z1020	1:1:1	1.0	700	40.0	25.0	3.0	3.3	2400	2
13Z1021	1:1:1	5.0	1500	46.0	174.0	6.3	7.5	2400	2
13Z1022	2:1:1	0.2	290	34.0	6.0	1.4	1.0	2400	2
13Z1023	2:1:1	1.0	700	40.0	27.0	3.0	2.0	2400	2
13Z1024	2:1:1	5.0	1500	46.0	160.0	6.1	4.0	2400	2

Notes: \* Test Frequency at 10 KHz