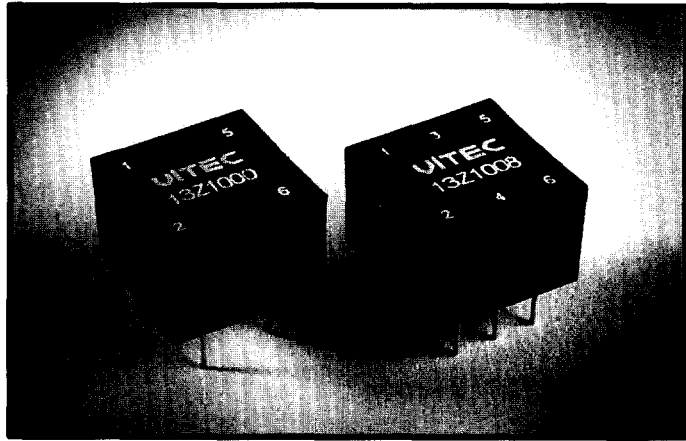


TYPE 13Z

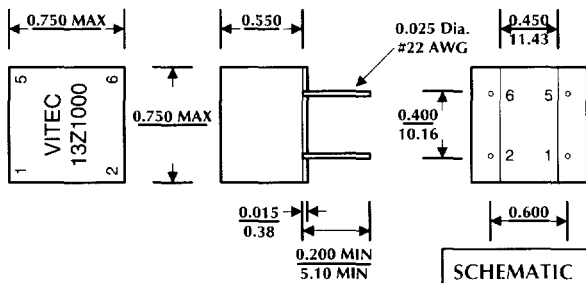
CONTROL TRANSFORMERS

FEATURES

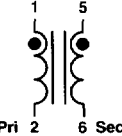
- Meets design requirements of most sine wave inverter circuits.
- High ET-Ratings.
- High dielectric strength capability.
- Fast rise time.
- Low interwinding capacitance.
- Materials meet flamability requirement of UL94v0.
- Manufactured to UL recognized 130 insulation system.
- UL file# E107307.
-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



CASE STYLE 1

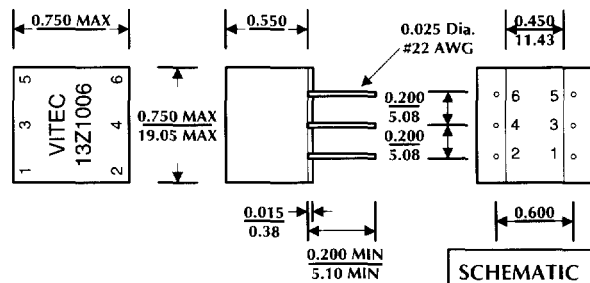


SCHEMATIC

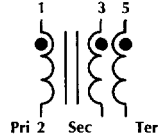


Dimensions Inches/mm +/- 0.01" Unless noted

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	Ohm	Vrms	
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

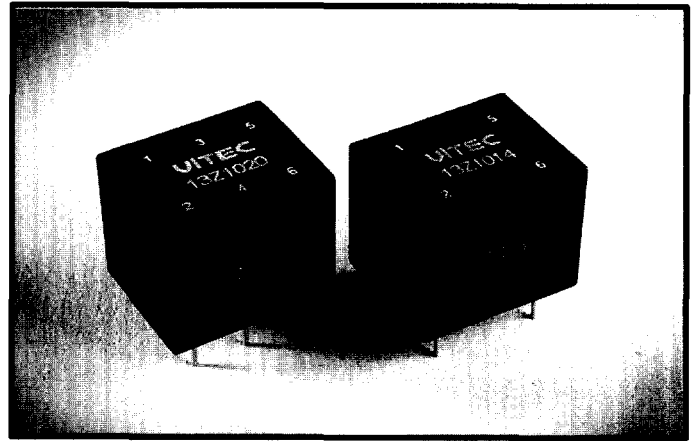
Notes: * Test Frequency at 10 KHz

TYPE 13Z

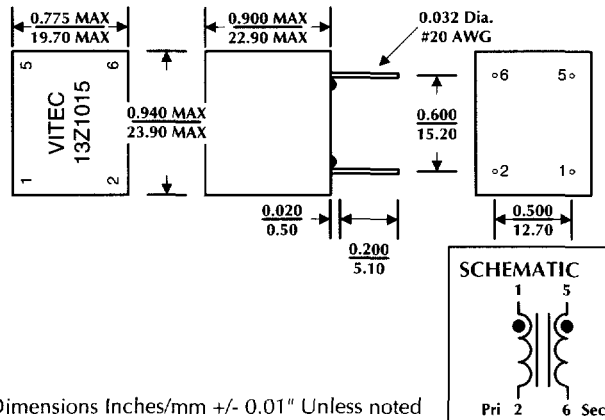
CONTROL TRANSFORMERS

FEATURES

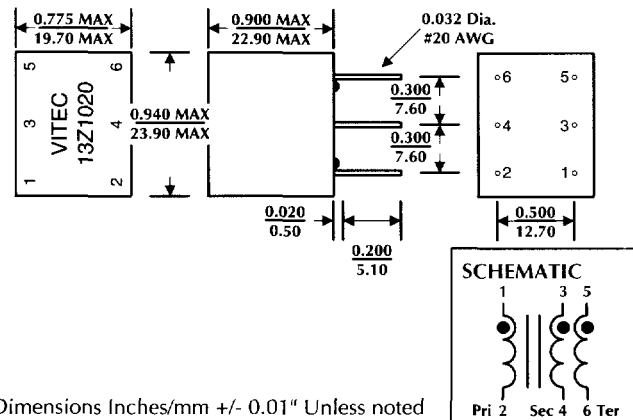
- Meets design requirements of most sine wave inverter circuits.
- High ET-Ratings.
- High dielectric strength capability.
- Fast rise time.
- Low interwinding capacitance.
- Materials meet flammability requirement of UL94v0.
- Manufactured to UL recognized 130 insulation system.
- UL file# E107307.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



CASE STYLE 1



CASE STYLE 2



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	Ohm	Vrms	
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