

TYPE 12Z

CONTROL TRANSFORMERS IN PRE-MOLDED CASE

FEATURES

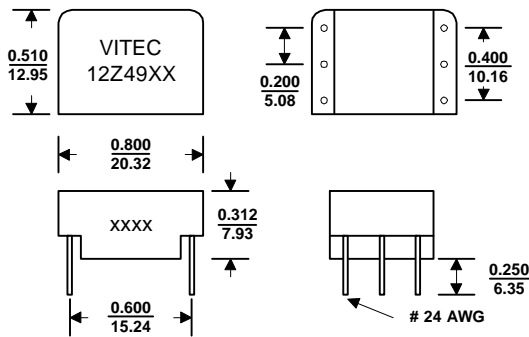
- Designed specifically for industrial control and general purpose applications.
- Epoxy encapsulated in a small pre-molded case gives superior humidity resistance.
- Provides low-noise operation of high power SCR resonant inverters.
- Meets design requirements of most Sine wave inverter circuits

SPECIFICATIONS

- Operating temperature: -40°C to +125°C
- Peak working voltage: 175 Volts per MIL-T-21038
- Dissipation rating: 0.3 Watts at +25°C

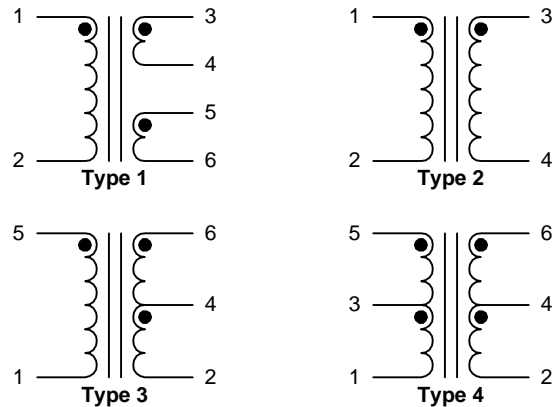
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DRAWING



Dimensions Inches/mm +/- 0.01" Unless noted

SCHEMATICS



ELECTRICAL CHARACTERISTICS @ +25°C

Part Number	Turns Ratio +/- 5%	LP*	Primary ET-Rating VuS MIN	Pri/Sec Cc** pF MAX	Pri/Sec L _L ** uH MAX	Pri DCR Ohm MAX	Sec DCR Ohm MAX	Dielectric Test @60CY Vrms MIN	Schem.
12Z4903	1:1:1	0.7	60	25	300	6.5	6.5	2200	1
12Z4906	1:1	4.8	110	50	20	3.0	3.5	2200	2
12Z4923	1:1	0.7	60	25	350	5.5	5.5	2200	2
12Z4932	1:1:1	4.8	110	50	50	5.0	6.0	2200	1
12Z4935	1:2CT	4.8	60	60	20	6.0	12.0	2500	3
12Z4936	1.05ct:1ct	29.0	60	60	30	7.0	6.5	2500	4

PIN LAYOUT (TOP VIEW)



Notes: * Test frequency at 10KHz
** Test frequency at 100KHz