

TYPE 12Z

CONTROL TRANSFORMERS IN PRE-MOLDED CASE

FEATURES

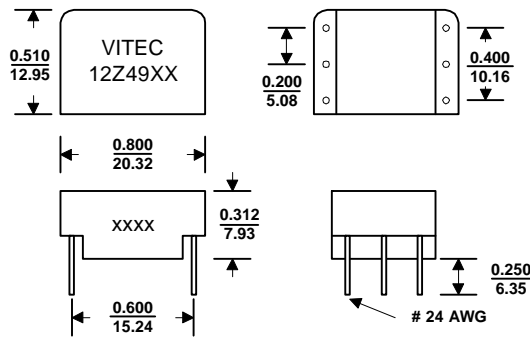
- Designed specifically for industrial control and general purpose applications.
- Epoxy encapsulated in a small pre-molded case gives superior humidity resistance.
- Provides low-noise operation of high power SCR resonant inverters.
- Meets design requirements of most Sine wave inverter circuits

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

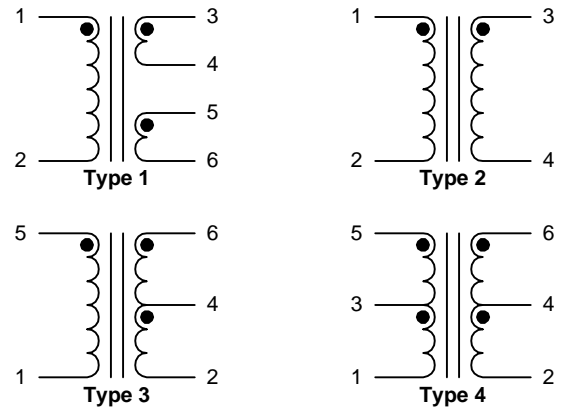
Picture Removed for Faster Downloading

DRAWING



Dimensions Inches/mm +/- 0.01" Unless noted

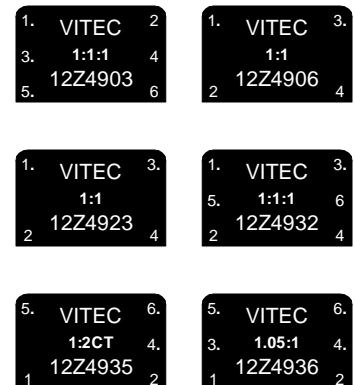
SCHEMATICS



ELECTRICAL CHARACTERISTICS @ +25°C

Part Number	Turns Ratio	LP*	Primary ET-Rating	Pri/Sec Cc**	Pri/Sec LL**	Pri DCR	Sec DCR	Dielectric Test @60CY	Schem.
		+/- 5%	mH	VuS	pF	uH	Ohm	Ohm	Vrms
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