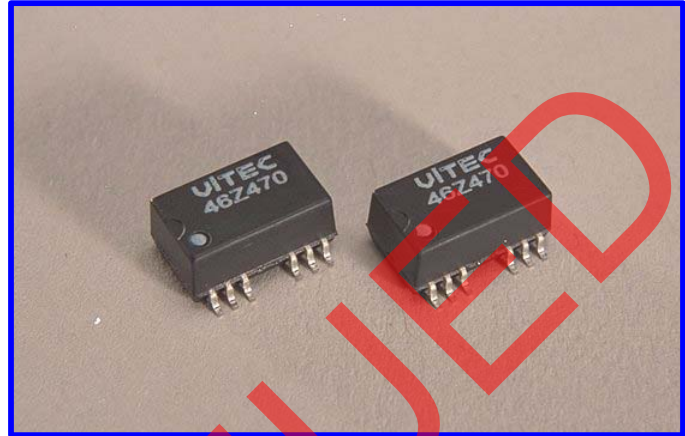


TYPE 46Z - SMD TRANSFORMER MODULES

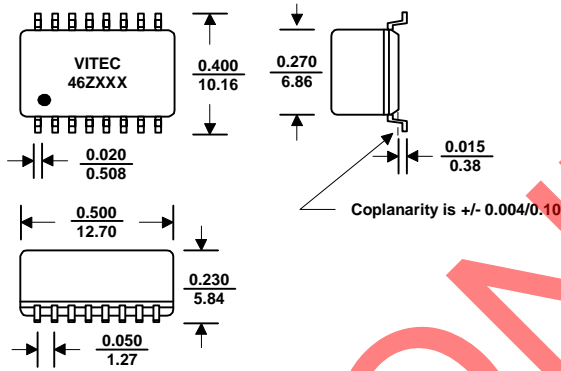
10/100 Base-TX

FEATURES

- Designed to meet or exceed IEEE 802.3 for 10/100-TX and ATM 155 applications.
- High isolation voltage to comply with international safety requirement for LAN.
- SMD packages for pick and place manufacturing.
- Designed for vapor phase and IR reflow soldering.
- Return Loss
 (0.5-30MHz): -18.0 dB MIN
 (40MHz): -15.5 dB MIN
 (50MHz): -13.6 dB MIN
 (60-80MHz): -12.0 dB MIN

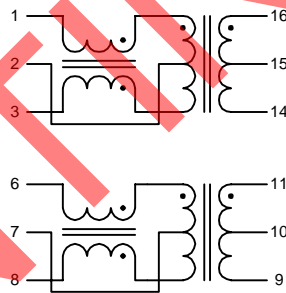


PACKAGE

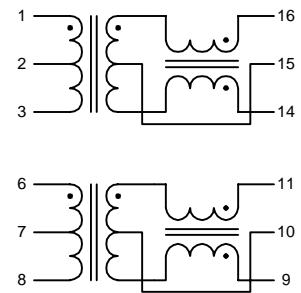


Dimensions Inches/mm +/- 0.01* Unless noted

SCHEMATIC A



SCHEMATIC B



ELECTRICAL CHARACTERISTICS @ 25°C

Part Number		Turns Ratio	Lp**	Pri/Sec Cc	Pri LL	Pri DCR	Pri LL	CMR*	Crosstalk*	Insertion Loss*	Dielectric Test	Schematic
Classic	RoHS	+/- 3% (1-3:16-14)/(6-8:11-9)	uH MIN	pF NOM	uH MAX	Ohm MAX	uH MAX	dB NOM	dB MIN	dB MAX	Vrms MIN	
46Z470	46ZR470	1CT:1CT/1CT:1CT	350	15	0.40	0.90	0.40	-40	-40	-1.10	1500	A
46Z471	Call Factory	2CT:1CT/1CT:1CT	350	15	1.20	0.90	1.20	-40	-40	-1.10	1500	B
46Z472	Call Factory	1CT:1CT/2CT:1CT	350	15	1.20	0.90	1.20	-40	-40	-1.10	1500	B
46Z473	Call Factory	1.41CT:1CT/1CT:1CT	350	15	0.90	0.90	0.90	-40	-40	-1.10	1500	B
46Z474	Call Factory	1.25CT:1CT/1CT:1CT	350	15	0.90	0.90	0.90	-40	-40	-1.10	1500	B
46Z475	46ZR475	1CT:1.41CT/1CT:1CT	350	15	0.40	0.90	0.40	-40	-40	-1.10	1500	B

Notes: * Tested @ 0.1-100 MHz.
 ** @ 8mA DC, 0 - 70 degrees C.