

# TYPE 34Z - SMD TRANSFORMER MODULES

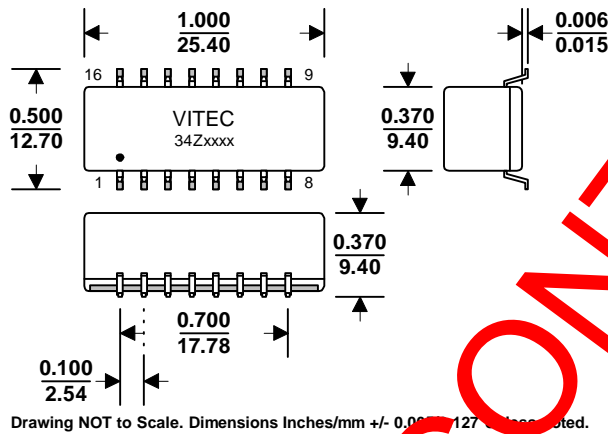
## High Speed LAN

### FEATURES

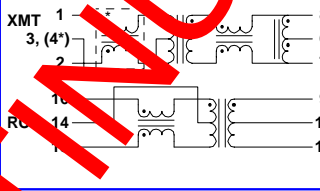
- Designed for 10/100, 100 and 155 Mbps transmission over UTP and STP cable.
- Meet IEEE 802.3u and ANSI x3.236-1995 standard.
- Surface mount package for pick and place. Special configuration available for most IC manufacturers.
- Rise time: 2.50 nS TYP
- Cross talk: -38dB MIN (0-1-100MHz)  
Dielectric test voltage: 1500 Vrms MIN



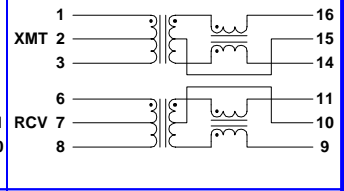
### PACKAGE



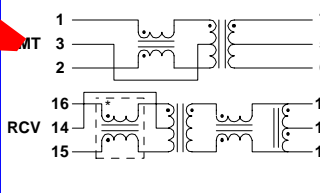
### SCHEMATIC A



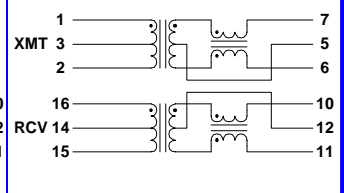
### SCHEMATIC C



### SCHEMATIC B



### SCHEMATIC D



### ELECTRICAL CHARACTERISTICS @ 25°C

Part Number	Turns Ratio		L	LL	Cc	DCR	CMR	Insert. Loss	Return Loss			Schem.						
	XMT	RCV							MIN	MAX	MAX		MAX	TYP	MAX	0.5-40MHz	50MHz	60-80MHz
																uH	pF	Ohm
34Z2202	1CT:1CT	1CT:1CT	350	0.40	15	0.90	-45	-1.10	-15.50	-13.60	-12.00	A*						
34Z2203	1CT:1CT	1CT:1CT	350	0.40	18	0.90	-40	-1.10	-15.50	-13.60	-12.00	B						
34Z2204	1CT:1CT	1CT:1CT	350	0.40	15	0.90	-40	-1.10	-15.50	-13.60	-12.00	A						
34Z2205	1CT:1CT	1CT:1CT	350	0.40	15	1.00	-45	-1.10	-15.50	-13.60	-12.00	B*						
34Z2206	1.25CT:1CT	1CT:1CT	350	0.35	20	0.90	-40	--	--	--	--	C						
34Z2207	1.41CT:1CT	1CT:1CT	350	0.40	20	0.90	-40	--	--	--	--	C						
34Z2208	1.41CT:1CT	1CT:1CT	350	0.40	20	0.90	-40	--	--	--	--	D						