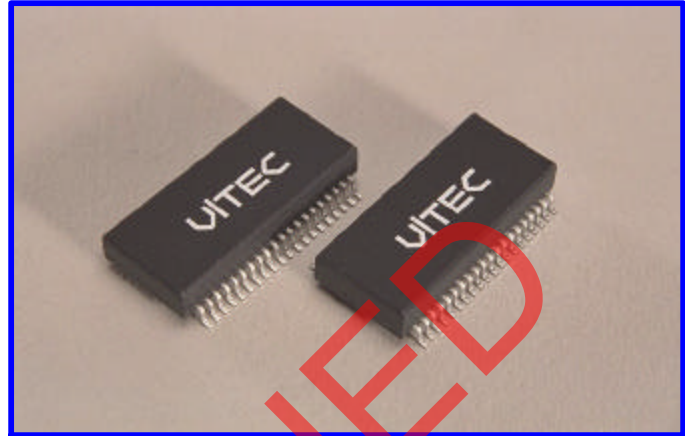


# TYPE 40Z - SMD TRANSFORMER MODULES

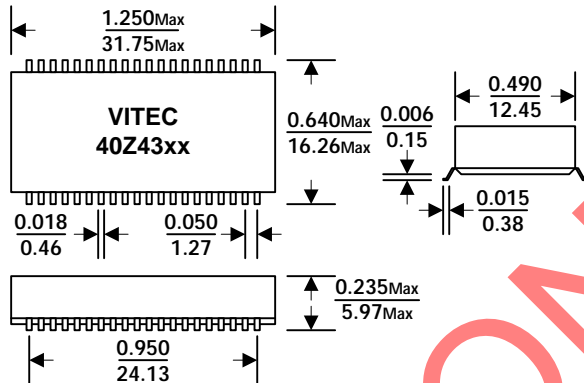
## Quad Port 10Base-T

### FEATURES

- Designed for Multi-port repeater and Switched Ethernet applications.
- Designed to meet requirements of IEEE 802.3.
- Product matched to most IC manufacturer.
- 40 Pin low profile SMD package for Pick and Place manufacturing.
- Common footprints & pinouts with multiple filtering options for customized EMI performance.

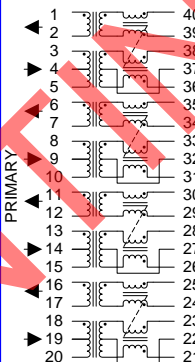


### PACKAGE

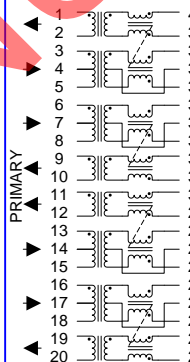


Drawing NOT to Scale. Dimensions Inches/mm +/- 0.005/0.127 Unless noted.

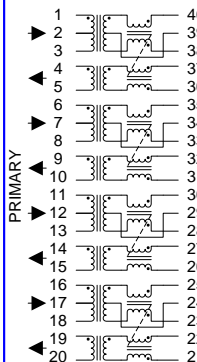
### SCHEMATIC A



### SCHEMATIC B



### SCHEMATIC C



### ELECTRICAL CHARACTERISTICS @ 25°C

Part Number	Turns Ratio		Xmt/Rcv Lp	Pri/Sec Cc	Xmt/Rcv Pri	Xmt/Rcv Pri DCR	Optional CMR Choke	CMC Inductance	Dielectric Test	Insulation Resistance	Schem.
	XMT	RCV									
	+/- 3%	+/- 3%	uH MIN	pF MAX	uH MAX	Ohms MAX		uH MIN	Vrms MIN	MOhm MIN	
40Z4350	1CT:1	1:1	100/100	12	0.30/0.30	0.30/0.30	N/A	--	1500	10000	A
40Z4351	1CT:1CT	1:1	100/100	12	0.30/0.30	0.30/0.30	Xmt	36	1500	10000	A
40Z4360	1CT:1.41CT	1:1	140/140	12	0.40/0.40	0.40/0.40	Xmt/Rcv	36	1500	10000	C
40Z4361	1CT:1CT	1:1	100/100	12	0.30/0.30	0.30/0.30	Xmt/Rcv	36	1500	10000	C
40Z4362	1CT:2CT	1:1	50/200	12	0.30/0.30	0.35/0.50	Xmt/Rcv	36	1500	10000	C
40Z4363	1CT:1.41CT	1:1	140/140	12	0.40/0.40	0.40/0.40	Xmt/Rcv	36	1500	10000	A
40Z4364	1CT:1CT	1:1	100/100	12	0.30/0.30	0.30/0.30	Xmt/Rcv	36	1500	10000	A
40Z4365	1CT:2CT	1:1	50/200	12	0.30/0.30	0.35/0.50	Xmt/Rcv	36	1500	10000	A
40Z4366	1CT:1.41CT	1:1	140/140	12	0.40/0.40	0.40/0.40	Xmt/Rcv	36	1500	10000	B
40Z4367	1CT:1CT	1:1	100/100	12	0.30/0.30	0.30/0.30	Xmt/Rcv	36	1500	10000	B
40Z4368	1CT:2CT	1:1	50/200	12	0.30/0.30	0.35/0.50	Xmt/Rcv	36	1500	10000	B
40Z4370	1CT:1.41CT	1:1	140/140	12	0.40/0.40	0.40/0.40	Xmt	36	1500	10000	C
40Z4371	1CT:1CT	1:1	100/100	12	0.30/0.30	0.30/0.30	Xmt	36	1500	10000	C
40Z4372	1CT:2CT	1:1	50/200	12	0.30/0.30	0.35/0.50	Xmt	36	1500	10000	C
40Z4390	1CT:1.41CT	1:1	140/140	12	0.40/0.40	0.40/0.40	N/A	--	1500	10000	C
40Z4391	1CT:1	1:1	100/100	12	0.30/0.30	0.30/0.30	N/A	--	1500	10000	C
40Z4392	1CT:2	1:1	50/200	12	0.30/0.30	0.35/0.50	N/A	--	1500	10000	C

Notes: