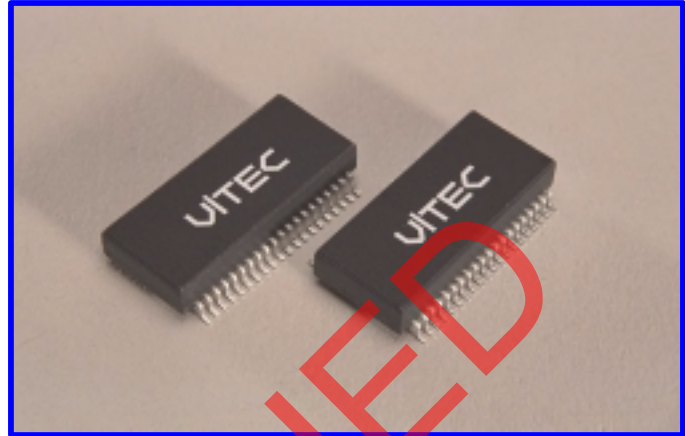


TYPE 40Z - SMD TRANSFORMER MODULES

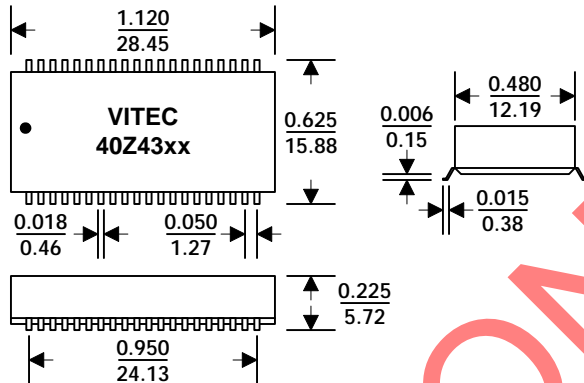
Dual Port 10/100 Base-Tx

FEATURES

- Products matched to most IC manufacturers.
- Designed to meet insertion loss and return loss requirements of IEEE 802.3u.
- 40 Pin low profile SMD package for Pick and Place manufacturing.
- Common footprints & pinouts.

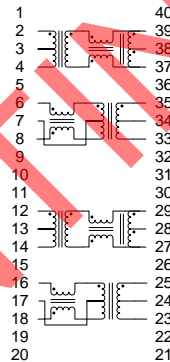


PACKAGE

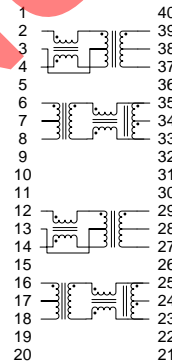


Drawing NOT to Scale. Dimensions Inches/mm +/- 0.005/0.127 Unless noted.

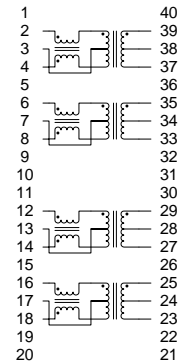
SCHEMATIC A



SCHEMATIC B



SCHEMATIC C



ELECTRICAL CHARACTERISTICS @ 25°C

Part Number	Turns Ratio		Lp uH	Cross Talk dB	CMR dB	Circuit Position	Rise Time	LL uH	Cc pF	DCR Ohms	Dielectric Test Vrms	Schem.
	XMT +/- 5%	RCV +/- 5%					nS					
40Z4340	1CT:1CT	1CT:1CT	350	-38	-40	Rx-Tx, Rx-Tx	2.5 TYP	0.4 MAX	20 TYP	0.9 MAX	1500 MIN	B
40Z4341	1CT:1CT	1CT:1CT	350	-38	-40	Tx-Rx, Tx-Rx	2.5 TYP	0.4 MAX	20 TYP	0.9 MAX	1500 MIN	A
40Z4342	2CT:1CT	1CT:1CT	350	-38	-40	Rx-Tx, Rx-Tx	2.5 TYP	0.4 MAX	20 TYP	0.9 MAX	1500 MIN	B
40Z4343	2CT:1CT	1CT:1CT	350	-38	-40	Tx-Rx, Tx-Rx	2.5 TYP	0.4 MAX	20 TYP	0.9 MAX	1500 MIN	A
40Z4344	1.25CT:1CT	1CT:1CT	350	-38	-40	Rx-Tx, Rx-Tx	2.5 TYP	0.4 MAX	20 TYP	0.9 MAX	1500 MIN	B
40Z4345	1.25CT:1CT	1CT:1CT	350	-38	-40	Tx-Rx, Tx-Rx	2.5 TYP	0.4 MAX	20 TYP	0.9 MAX	1500 MIN	A
40Z4346	1CT:1.41CT	1CT:1CT	350	-38	-40	Rx-Tx, Rx-Tx	2.5 TYP	0.4 MAX	20 TYP	0.9 MAX	1500 MIN	B
40Z4347	1CT:1.41CT	1CT:1CT	350	-38	-40	Tx-Rx, Tx-Rx	2.5 TYP	0.4 MAX	20 TYP	0.9 MAX	1500 MIN	A
40Z4348	1.41CT:1CT	1CT:1CT	350	-38	-40	Tx-Rx, Tx-Rx	2.5 TYP	0.4 MAX	20 TYP	0.9 MAX	1500 MIN	C
40Z4349	1.25CT:1CT	1CT:1CT	350	-38	-40	Tx-Rx, Tx-Rx	2.5 TYP	0.4 MAX	20 TYP	0.9 MAX	1500 MIN	C

Notes: