

ISOLATION TRANSFORMERS

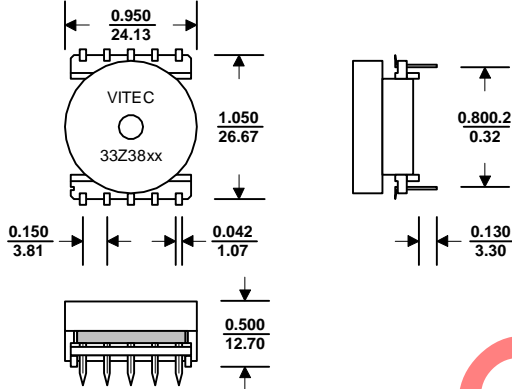
ISDN-U Interface

FEATURES

- Designed for ISDN-U telecom applications.
- Product matched to most IC manufacturers.
- Designed to meet or exceed ANSI T1.601-1992.
- Standard 10 pin SMD or THT packages.
- Dielectric test voltage: 2000 Vrms MIN.

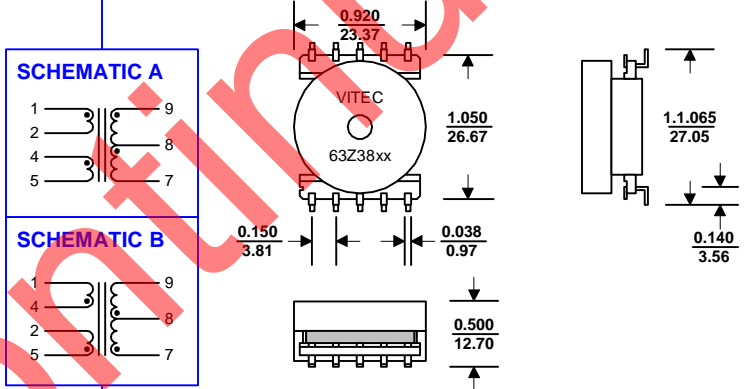


PACKAGE (THT)



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

PACKAGE (SMD)



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

ELECTRICAL CHARACTERISTICS @ 25°C

Part Number & Schematic		Turns Ratio	OCL Line Side	DCR Line Side	DCR Chip Side	IDC	Return Loss	Longitudinal Balance		Dielectric Test	Line Side Pins	
THT	SMD	Type	LINE : CHIP	mH	Ohms	mA	dB @ 25 KHz	dB MIN		Vrms		
			+/- 3%	NOM	MAX	NOM	MIN	@281Hz to 40KHz	@ > 40KHz	MIN		
33Z3879	63Z6379	A	2.00:1	25.5-28.5	11.6	6.4	60	20	55	-20/decade	2000	1-5
33Z3880	63Z6380	B	1.50:1	14.2-15.8	16.0	2.5	60	20	55	-20/decade	2000	4-2
33Z3881	63Z6381	B	1.50:1	25.6-29.0	20.0	3.0	60	20	55	-20/decade	2000	4-2
33Z3882	63Z6382	A	1.50:1	25.6-29.0	20.0	3.0	60	20	55	-20/decade	2000	1-5
33Z3883	63Z6383	A	1.25:1	26.5-29.5	12.0	7.0	80	20	55	-20/decade	2000	1-5

Transformer Selection Guide

IC Manufacturer	IC Part Number	Coding	THT	SMD
Motorola	MC145472	2B1Q	33Z3879	63Z6379
	MC145572	2B1Q	33Z3883	63Z6383
National	TP3410	2B1Q	33Z3881	63Z6381
		2B1Q	33Z3882	63Z6382
Thompson	SD5411	2B1Q	33Z3880	63Z6380

Notes: