

TYPE 33Z - INTERFACE TRANSFORMERS

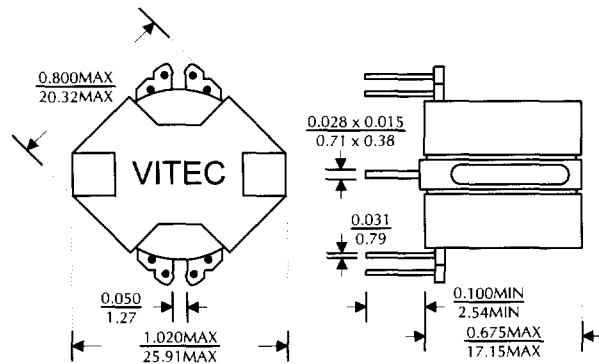
ISDN-U

FEATURES

- Designed for 2B1Q and 4B3T ISDN-U telecom applications.
- Matched to most IC manufacturers.
- Meets ANSI T1.601:1992.
- Printed circuit board mounting.
- 2000 Vrms isolation.

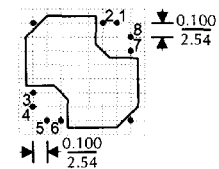
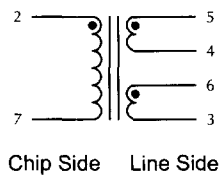


PACKAGE

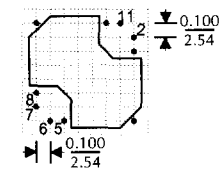
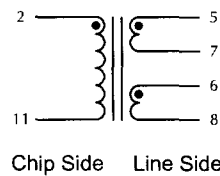


Drawing NOT to scale. Dimensions Inches/mm +/- 0.01" Unless noted

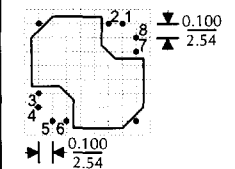
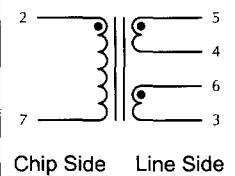
33Z3901



33Z3908



33Z3909



ELECTRICAL CHARACTERISTICS @ 25°C

Part Number	Turns Ratio	LP	DCR Line Side	DCR Chip Side	LL	CC	Longitudinal Balance		IDC	Dielectric Test	Line Side Pins
		mH	Ohms	Ohms	uH	pF	dB		mA	Vrms	
	+/- 3%	MIN	MAX	MAX	MAX	MAX	MIN		TYP	MIN	
33Z3901	1:1:1.5	50.0	12.40	6.85	160	150	--	--	150	2000	3-5
33Z3908	1:1:5	14.5	4.40	3.50	55	80	65 ⁽¹⁾	58 ⁽²⁾	50	2000	5-8
33Z3909	1.5:1	50.0	12.40	6.85	160	--	--	--	150	2000	3-5

Transformer Selection Guide

IC Manufacturer	IC Part Number	Part Number
AT&T	T7256	33Z3909
	T7264	33Z3909
Siemens	PEB 2091	33Z3901
		33Z3908
		33Z3909

Notes: (1) Tested at 1-4 KHz.
 (2) Tested at 4-160 KHz.