

TYPE 33Z - INTERFACE TRANSFORMERS

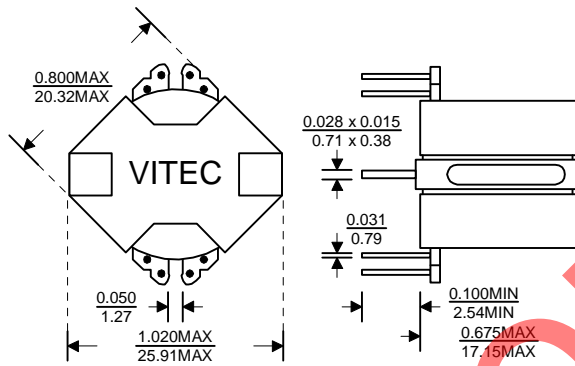
ISDN-U

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.

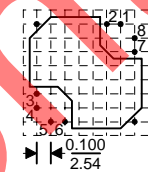
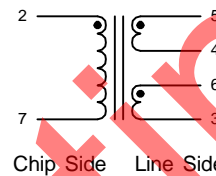


PACKAGE

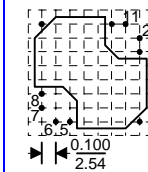
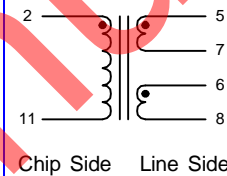


Drawing NOT to scale. Dimensions Inches/mm +/- 0.01" Unless noted

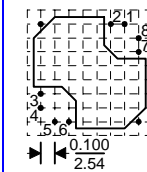
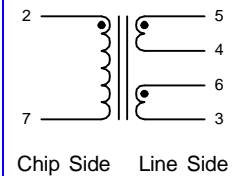
33Z3901



33Z3908



33Z3909



ELECTRICAL CHARACTERISTICS @ 25°C

Part Number	Turns Ratio +/- 3%	LP mH MIN	DCR Line Side Ohms MAX	DCR Chip Side Ohms MAX	LL uH MAX	CC pF MAX	Longitudinal Balance		IDC mA TYP	Dielectric Test Vrms MIN	Line Side Pins
							dB 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.