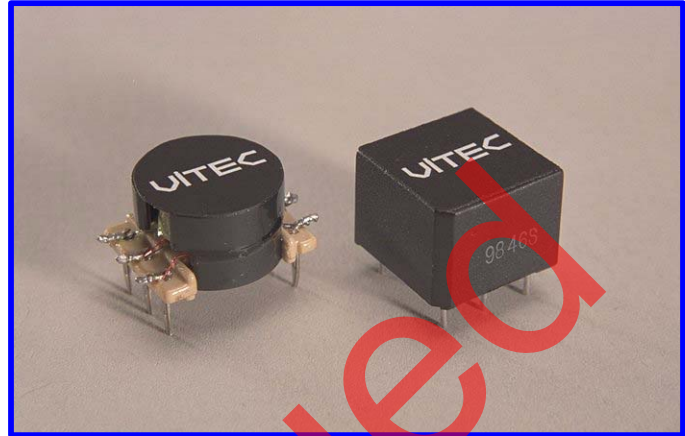


# INTERFACE TRANSFORMERS

## 64 KBPS, DDS

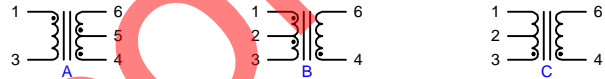
### FEATURES

- Designed for 64 Kbps, Switched 56, DDS telecom applications.
- Custom designs available.
- SMD packages available.
- Designed to interface Level One LXT-400, LXT-441, and other IC manufacturers.



PACKAGE 1	PACKAGE 2	PACKAGE 3
Dimensions Inches/mm +/- 0.01" Unless noted	Dimensions Inches/mm +/- 0.01" Unless noted	Dimensions Inches/mm +/- 0.01" Unless noted

### SCHEMATICS



### ELECTRICAL CHARACTERISTICS @ 25°C

#### 64 KBPS Isolation Transformer

Part Number	Turns Ratio +/- 3%	OCL	Pri/Sec LL	Pri/Sec CC	Primary DCR	Secondary DCR	Package & Schematic
		mH MIN	uH MAX	pF MAX	Ohm MAX	Ohm MAX	
18Z4845	1:2CT	7.5	5.0	130	2.0	4.0	1A
18Z4846	1CT:1	10.0	5.0	100	2.6	2.6	1B

#### DDS Switched 56

Part Number	Turns Ratio +/- 1%	OCL*	Pri/Sec LL	Pri/Sec CC	Pri/Sec DCR	Line Impedance	Insertion Loss*	Return Loss vs Line Z	Dielectric Test	Frequency Response	Longitudinal Balance		DC Bias Current	Package & Schem.
		mH	uH	pF	Ohm	Ohm	dB	dB	VAC	dB	dB	dB	mA	
		MIN	MAX	MAX	TYP	TYP	MAX	@ 1 KHz	MAX	100Hz to 112KHz	200Hz-1KHz	15KHz-2MHz	MAX	
33Z3815	1:1	200	43	50	17.80	135	1.50	32	1500	+/- 1.0	60	40	50	2C
33Z3818	1CT:1	15	40	50	4.50	135	1.50	32	1500	+/- 1.0	60	40	50	3C

Notes: \* 1 KHz at 1 Volt



--