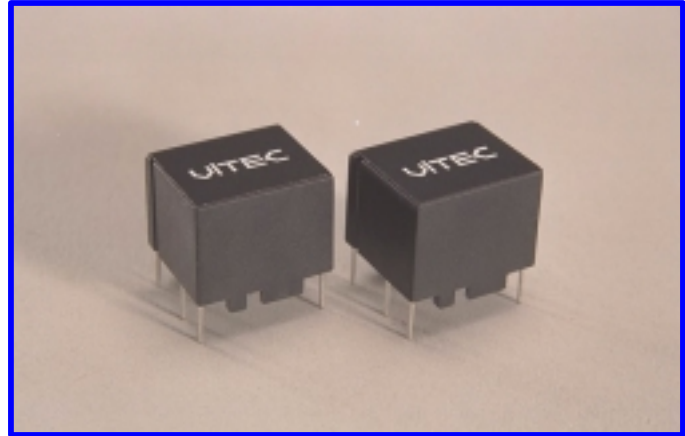


TYPE 18Z - INTERFACE TRANSFORMERS

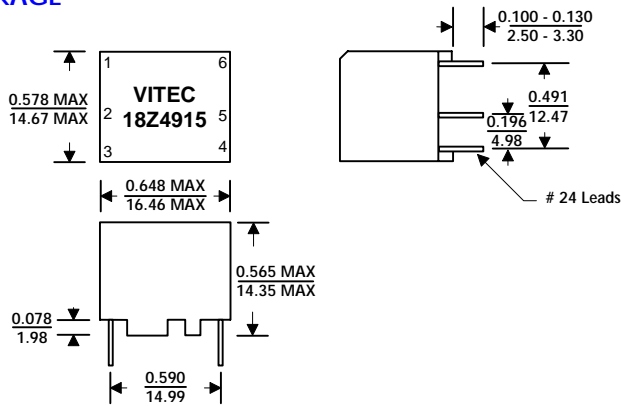
ISDN-S

FEATURES

- Product matched to most IC manufacturers.
- Designed to meet or exceed CCITT I.430 pulse template.
- Common footprints & pinouts.
- Designed to IEC950, 3000 Vrms reinforced insulation system.

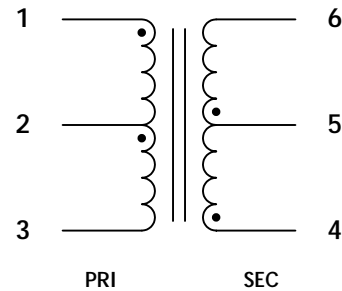


PACKAGE



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

SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

Part Number	Turns Ratio	LP*	Cc	Sec L _L	Pri DCR	Sec DCR	I _{dc}	Primary Pins
		mH	pF	μH	Ohm	Ohm	mAmp	
		MIN	MAX	MAX	MAX	MAX	MAX	
18Z4915	1CT:2CT	30	75	15	3.4	5.4	5	1-3

Recommended Common Mode Chokes

Part Number	Number of Lines	Inductance	Peak Common Mode Attenuation	TYPE	Application	Isolation Voltage	DCR (Ohms MAX)
18Z4854	4-Line	4.7mH +/- 30%	1 MHz	Low Frequency	Improve Balance	500 Vrms	1.00
18Z4814	4-Line	50uH Min	50 MHz	High Frequency	EMI Reduction	500 Vrms	0.30

Chip Set Selection Guide

IC Manufacturer	IC Part Number
AMD	AM79C 30A/32A
Lucent	T7903
Mietec	MTC-2072
Mitel	MT8930 / 8931
National	TP3420 / 3421
SGS Thomson	ST5420 / 5421
Siemens	PEB2080 / 2081 / 2084 / 2085 / 2086 PSB 2186
Yamaha	7405B

Notes: