

# DUAL SMT DIGITAL AUDIO INTERFACE TRANSFORMER

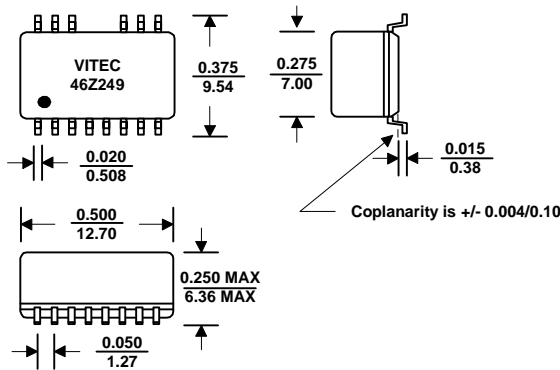
## 46Z249

### FEATURES

- Designed for use with Cirrus Logic's CS8420, a 96kHz digital audio receiver & compatible ICs.
- Surface mount package for pick and place assembly.
- Suitable for vapor phase and IR reflow soldering.
- RoHS compliant version available.

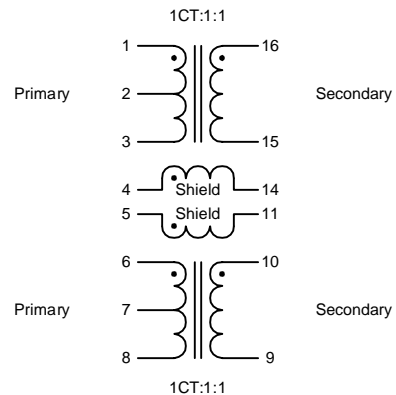
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### PACKAGE



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

### SCHEMATIC A



### ELECTRICAL CHARACTERISTICS @ 25°C

Part Number		Inductance <sup>1</sup>	Leakage Inductance <sup>2</sup>	Coupling Capacitance <sup>3</sup>	Turns Ratio		DC Resistance	Isolation	
					1-3:16-15:4-14	6-8:10-9:5-11		Pri to Sec	Pri, Sec to Shield
Classic	RoHS	uH	uH	pF	Ratio	Ratio	Ohms	Vrms	Vrms
46Z249	46ZR249	+/- 25%	MAX	MAX	+/- 2%	+/- 2%	MAX	MIN	MIN
		750	1.0	9.0	1CT:1:1	1CT:1:1	0.45	1500	500

- Notes: 1. Test 1-3, 6-8 @ 100 KHz, 0.05V.  
 2. Test 1-3, short 16-15/6-8, short 10-9 @ 100KHz, 0.10V.  
 3. Test 1-16 with pin 4 or 14 grounded & test 6-10 with pin 5 or 11 grounded.

### SUGGESTED PCB LAYOUT

