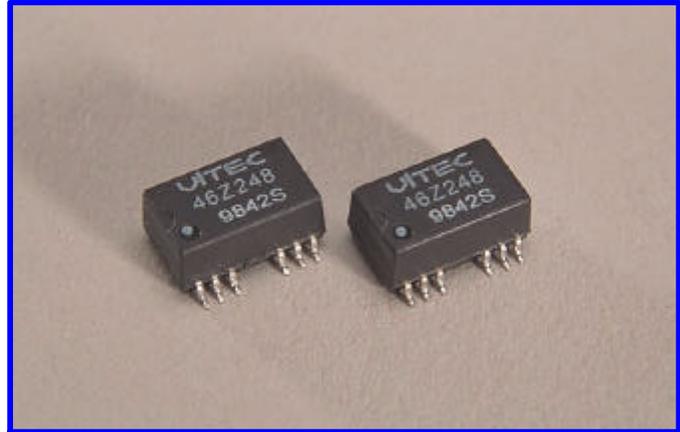


TYPE 46Z - SMD ISOLATION TRANSFORMERS

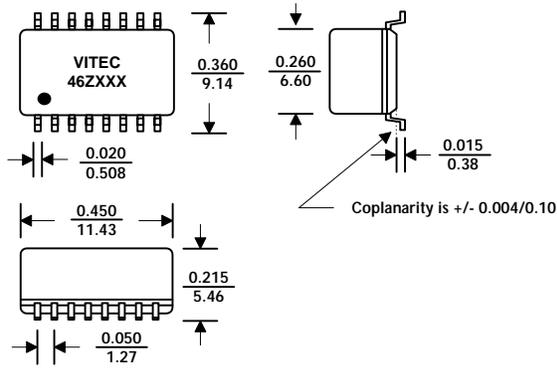
Ethernet/10Base-T

FEATURES

- Designed to meet or exceed IEEE 802.3.
- High isolation voltage to comply with international safety requirement for LAN.
- SMD packages for pick and place manufacturing.
- Designed for vapor phase and IR reflow soldering.
- Common mode choke available.

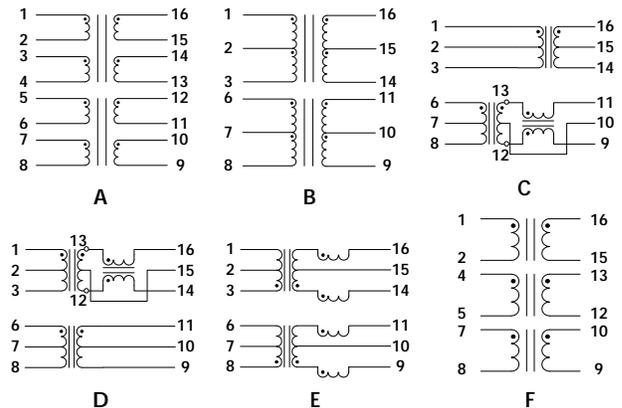


PACKAGE



Dimensions Inches/mm +/- 0.01* Unless noted

SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

Part Number	Turns Ratio		LP	Pri/Sec Cc	LL	DCR	Dielectric Test	Primary Pins	Schem.					
	+/- 5%									uH	pF	uH	Ohms	Vrms
	Transmit	Receive								MIN	MAX	MAX	MAX	MIN
46Z205	2CT:1CT	1CT:1CT	100	10	0.40	0.50	2000	1-3/6-8	B					
46Z248	1CT:1.41CT	1CT:1CT	200 *	15	0.50	0.40	2000	6-8/1-3	B					
46Z288	1CT:2CT	1CT:1CT	200 *	10	0.30	0.30	2000	6-8/1-3	B					
46Z301	1:1, 3 coils		40	8	0.20	0.25	2000	1-2/4-5/7-8	F					
46Z302	1:1, 3 coils		75 *	10	0.20	0.20	2000	1-2/4-5/7-8	F					
46Z303	1:1, 3 coils		100 *	10	0.20	0.30	2000	6-8/1-3	F					
46Z304	1:1, 3 coils		150 *	12	0.20	0.30	2000	1-2/4-5/7-8	F					
46Z307	1CT:1CT	1CT:1CT	200	12	0.30	0.30	2000	1-3/6-8	B					
46Z308	1:1, 3 coils		350	16	0.30	0.35	2000	1-2/4-5/7-8	F					
46Z343	1CT:2CT	1CT:1CT	200	12	0.30	1.00	2000	1-3/6-8	D					
46Z347	1CT:1CT	1CT:1CT	200	10	0.25	1.00	1500	1-3/6-8	D					
46Z348	1CT:1.41CT	1CT:1CT	200	12	0.50	0.60	2000	6-8/1-3	E					
46Z349	1CT:2CT	1CT:1CT	140 **	12	0.10	0.60	2000	6-8/1-3	E					
46Z352	2CT:1CT	1CT:1CT	140	12	0.30	1.00	1500	1-3/6-8	E					
46Z388	1CT:2CT	1CT:1CT	200	10	0.30	0.50	2000	6-8/1-3	C					
46Z480	--	1:1 (4X)	140	12	0.20	0.40	2000	1-2/3-4	A					
46Z481	1:1.41, (4X)	--	140	12	0.20	0.40	2000	1-2/3-4,5-6/7-8	A					

Notes: * Lp reading tolerance is +/-30%.
** Tested on pin 1-3.

T-600.1 12/01



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