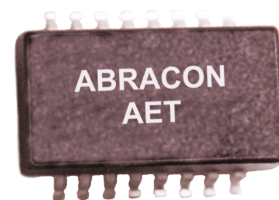


Multiport E1/T1/ISDN-PRI Transformers



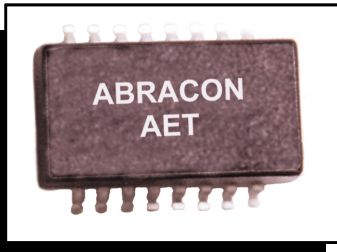
- * Supports ITU-T G.703 and I.430 Requirements
- * Excellent Longitudinal Balance
- * Surface Mountable Configurations
- * Designs Support Industry Standard Transceiver ICs
- * Excellent Coupling Coefficient
- * Operating Temperature Range of -40°C to 85°C Available

PERFORMANCE SPECIFICATIONS @25

Part Number	Turns Ratio ($\pm 2\%$) ^{1,2}		OCL (mH MIN)	C _{ww} (pF MAX)	L _L (uH MAX)	Cir.	Pkg.
	Tx	Rx					
FOUR PORT							
AET-119	1:2	2CT:1	1.2	35	0.6	5	B
AET-120	1CT:1	1:1CT	1.2	35	0.6	6	B
APT-108	1:2.4	1:1	1.0	35	0.6	7	B
APT-109	1:2CT	1CT:2	1.2	35	0.6	6	B
APT-116 ³	1:2.42	1:2.42	0.6	35	0.6	8	B
DUAL PORT							
AET-101	1CT:2CT	1CT:2CT	1.5 (16-14, 6-8)	45	0.6	1	A
AET-102	1CT:2CT	1CT:1CT	1.5 (1-3, 11-9)	45	0.5	1	A
AET-103	1CT:1.41CT	1.41CT:1CT	1.28 (1-3, 11-9)	30	0.8	1	A
AET-104	1CT:1.15CT	1.15CT:1CT	1.5 (1-3, 11-9)	45	0.5	1	A
AET-105	1.15CT:1	1:2CT	1.5 (16-14, 6-8)	40	0.5	2	A
AET-106	1CT:1.25/1.15	1CT:2CT	1.5 (16-14, 6-8)	40	0.5	1	A
AET-107	2CT:1CT	1CT:2CT	1.2 (16-14, 6-8)	30	0.6	1	A
AET-108	1CT:1CT	1CT:1.36CT	1.2 (16-14, 6-8)	30	0.6	1	A
AET-109	1CT:1.15CT	1CT:1.15CT	1.2 (1-3, 6-8)	30	0.6	1	A
AET-110	1.15CT:1	1CT:2CT	1.2 (16-14, 6-8)	30	0.6	3	A
AET-111	1.41CT:1CT	1.41CT:1CT	1.0 (16-14, 11-9)	30	0.6	1	A
AET-112	1CT:2.42CT	1CT:2.42CT	1.2 (1-3, 6-8)	25	0.6	1	A
AET-113	1CT:2CT	1:1.36CT	1.2 (16-14, 6-8)	30	0.6	4	A
AET-114	1.36CT:1	1:2CT	1.5 (16-14, 6-8)	40	0.5	2	A
AET-115	1CT:2.42CT	1CT:1CT	1.0 (1-3, 11-9)	30	0.8	1	A
AET-116	1/1.26:1	1CT:2CT	1.2 (16-14, 6-8)	30	0.6	3	A
AET-117	1CT:1CT	1CT:1.5CT	1.0 (16-14, 6-8)	30	0.6	1	A
AET-118	2CT:1CT	1:1.36CT	1.2 (16-14, 6-8)	30	0.6	4	A

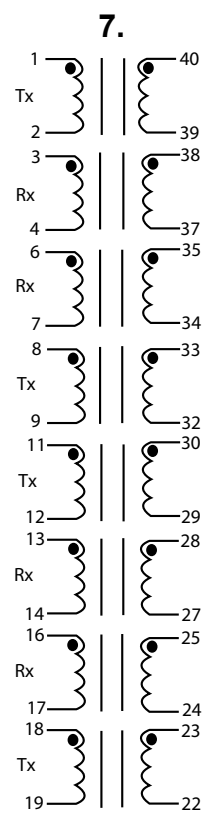
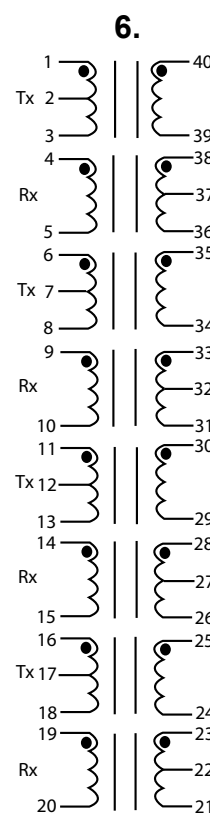
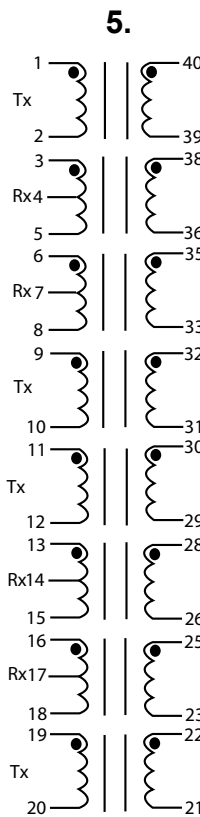
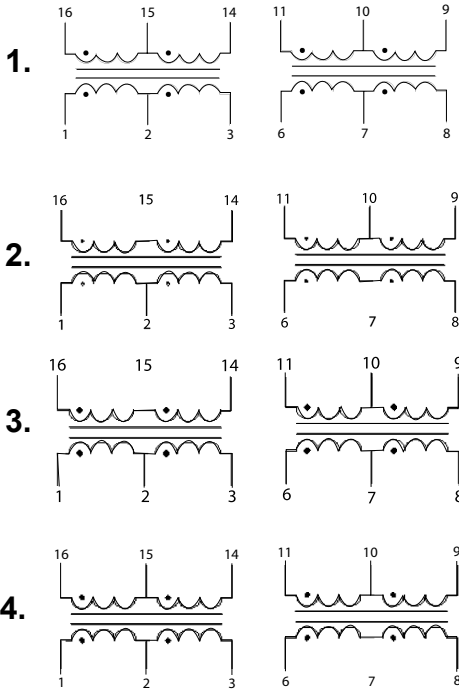
Test Conditions: 1. OCL: Open Circuit Inductance is measured at 10 KHz with 100 mV_{RMS} across entire winding segment
2. DWV: 1,500 V_{RMS} for 1 minute min: greater isolation voltages available

Notes: 1. "CT" indicates a center-tapped winding, otherwise, readings are intended to be across the entire winding segment
2. Turns Ratios are specified as: "Transceiver:Media"
3. Includes IC protective array

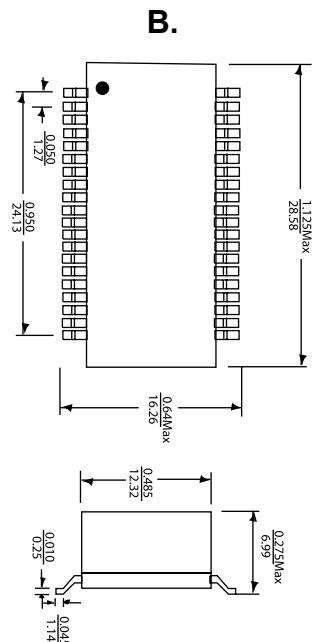
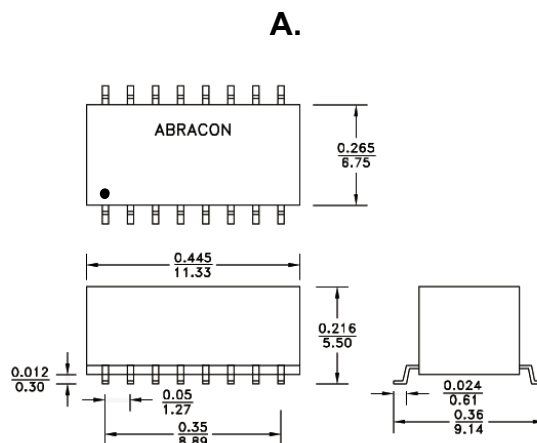
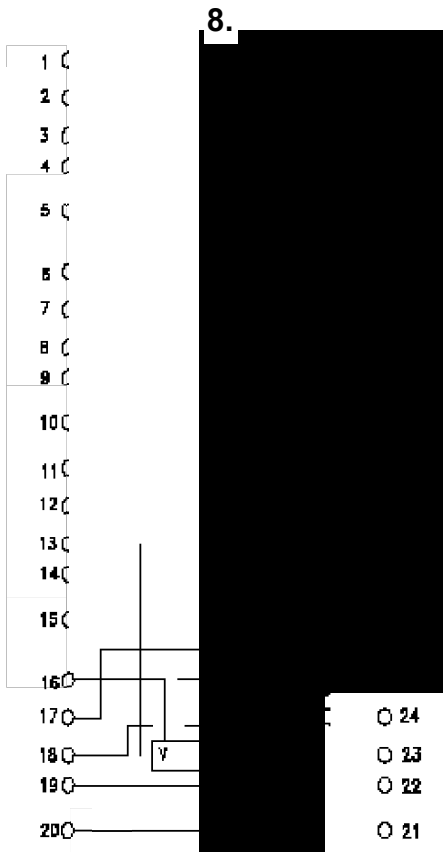


Multiport E1/T1/ISDN-PRI Transformers

CIRCUITS



PACKAGES



ABRACON IS
ISO 9001 / QS 9000
CERTIFIED

29 Journey • Aliso Viejo, CA 92656 • USA
(949) 448-7070 • FAX: (949) 448-8484
E-MAIL: abinfo@abracon.com • INTERNET ADDRESS: www.abracon.com