

T1/E1/CEPT/ISDN-PRI QUAD TRANSFORMERS

FEATURES

- Quad transformers in a surface mount package supports two T1/E1 ports
- Available in transmit and/or receive configurations
- Models matched to leading quad and dual T1/E1/CEPT transceivers
- Isolation voltage: 1500 Vrms



Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Turns Ratio (Pri:Sec ±2%)	OCL @ 25°C (mH MIN)	LL (μH MAX)	Cw/w (pF MAX)	DCR Pri (MAX)	DCR Sec (MAX)	Schematic	Primary Pins
ST-81001	1:1.36 / 1	1.2	0.40	30	0.7	1.0	A	1-3, 5-7, 10-12, 14-16
ST-81005	1:1.58 / 1.266	1.2	0.50	24	0.6	0.8	A	1-3, 5-7, 10-12, 14-16
ST-81006	1:2CT	1.2	0.35	30	0.6	1.0	A	1-3, 5-7, 10-12, 14-16
ST-81007	1:1.15CT	1.2	0.70	23	0.6	0.8	A	1-3, 5-7, 10-12, 14-16
ST-81008	1:1.36 and 1:2	1.2	0.80	35	0.6	1.0	B	1-3, 10-12, 19-17, 28-26
ST-81009	1:1.265 / 1	1.2	0.80	35	0.6	0.8	A	1-3, 5-7, 10-12, 14-16
ST-81010	1:1.36CT	1.2	0.50	30	0.6	0.8	A	1-3, 5-7, 10-12, 14-16
ST-81016	1:2 / 1.15	1.2	0.40	30	0.6	1.0	A	1-3, 5-7, 10-12, 14-16
ST-81017	1:2.3 / 2	1.2	0.80	35	0.6	1.1	C	1-3, 28-26, 10-12, 19-17

Mechanical

Schematics

