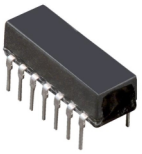
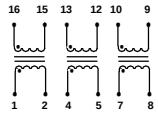
ISOLATION TRANSFORMERS

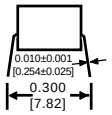
SERIES 'LE' LAN-ETHERNET APPLICATIONS

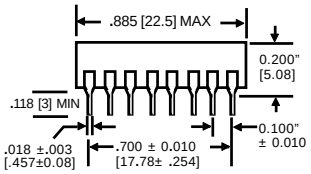


- ❒ Economical
- ❒ Low leakage inductance and interwinding capacitance
- ❒ Fast rise time: 3nSec typical
- ❒ Low profile 16-pin DIP (14-pin available)
- ❒ Surface mount design available
- ❒ Choice of turns ratio, 1:1 or 2:1



Standard schematic
(custom designs available)

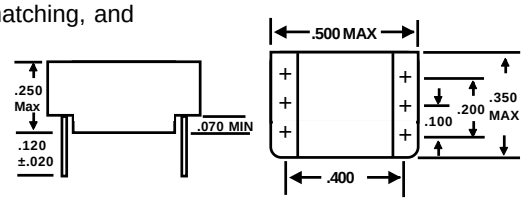




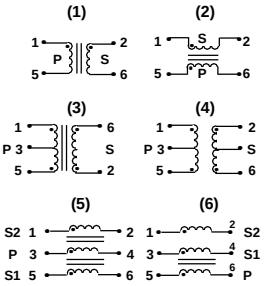
RCD Type	Turns Ratio (±5%)	Primary Induc. (±20%)	Primary ET Constant (V-µS Min.)	DCR (Max.)	
				PRI	SEC
LE1-20	1:1	20µH	1:5	0.3Ω	0.3Ω
LE1-35	1:1	35µH	2:1	0.3Ω	0.3Ω
LE1-50	1:1	50µH	2:1	0.3Ω	0.3Ω
LE1-75	1:1	75µH	2:1	0.3Ω	0.3Ω
LE1-100	1:1	100µH	2:1	0.35Ω	0.35Ω
LE1-200	1:1	200µH	3:0	0.45Ω	0.45Ω
LE2-20	2:1	20µH	1:5	0.3Ω	0.15Ω
LE2-50	2:1	50µH	2:1	0.3Ω	0.15Ω
LE2-100	2:1	100µH	2:5	0.35Ω	0.18Ω
LE2-200	2:1	200µH	3:0	0.45Ω	0.23Ω

SERIES 'ST' PULSE-TRANSFORMERS

- ❒ Low cost
- ❒ Industry's widest selection
- ❒ Excellent for providing interfacing for starlan configurations, digital and data processing, line coupling matching, and Tokin Ring isolation
- ❒ Custom schematics available
- ❒ Wide inductance range: 10µH to 5000µH
- ❒ Wide choice of Turns Ratio: 1:1, 2:1, 1:1:1, 2:1:1, 3:1:1, 4:2:1, etc.



STANDARD CONFIGURATIONS



PROGRAMMABLE DELAY LINES

(Consult factory for detailed data sheets)

SERIES 'TT' TTL PROGRAMMABLE

TT3 3 BIT

- ❒ Total delay times from 14nS to 287nS
- ❒ Incremental delays of 1nS to 40nS
- ❒ 7nS zero step delay
- ❒ 16-pin DIP package

TT4 4 BIT

- ❒ Total delay times from 30nS to 165nS
- ❒ Incremental delays of 1nS to 10nS
- ❒ 15nS zero step delay
- ❒ 32-pin DIP package

TT6 6 BIT

- ❒ Total delay times from 83nS to 650nS.
- ❒ Incremental delays of 1nS to 10nS.
- ❒ 20nS zero step delay
- ❒ 48-pin DIP package

TT8 8 BIT

- ❒ Total delay times from 275nS to 1040nS
- ❒ Incremental delays of 1nS to 4nS
- ❒ 20nS zero step delay
- ❒ 64-pin DIP package

SERIES 'EC' ECL 10K PROGRAMMABLE

EC3 3 BIT

- ❒ Total delay times from 7nS to 70nS
- ❒ Incremental delays of 1nS to 10nS
- ❒ 3nS zero step delay
- ❒ 16-pin DIP package

EC4 4 BIT

- ❒ Total delay times from 15nS to 150nS
- ❒ Incremental delays of 1nS to 10nS
- ❒ 10nS zero step delay
- ❒ 32-pin DIP package

EC6 6 BIT

- ❒ Total delay times from 63nS to 323nS
- ❒ Incremental delays of 1nS to 5nS
- ❒ 8nS zero step delay
- ❒ 48-pin DIP package

EC8 8 BIT

- ❒ Total delay times from 255nS to 127nS
- ❒ Incremental delays of 1nS to 5nS
- ❒ 12nS zero step delay
- ❒ 64-pin DIP package