

T1/E1 Line Interface Modules

DIL Package



Product Features:

- Standard series of 6 pin DIL Line Interface Modules to meet the isolation and impedance matching requirements for T1, E1, CEPT and PRI ISDN applications.
- Isolation modules are available for all popular LIU's.
- 1,500 Vrms hi-pot
- Operating Temperature Range is 0 to 70°C

| Part Number | Schem | Turns Ratio PRI/SEC | OCL (mH min) | Pri/Sec Cw/w (pF max) | Pri/Sec LL (μH max) | DCR Pri (Ω max) | Primary Pins |
|--------------|-------|------------------------|-----------------|-----------------------------|---------------------------|-----------------------|-----------------|
| TD02-1205ALF | D | 1CT:1 | 1.2 | 35 | 0.50 | 0.70 | 1-5 |
| TD04-1205ALF | A | 1CT:1CT | 1.2 | 35 | 0.50 | 0.70 | 1-5 |
| TD08-1205ALF | A | 1CT:2CT | 1.2 | 35 | 0.50 | 0.70 | 1-5 |
| TD10-1205ALF | B | 1:1:1 | 1.2 | 35 | 0.50 | 0.70 | 1-2 |
| TD15-1205ALF | D | 1:2CT | 1.2 | 35 | 0.50 | 0.70 | 2-6 |
| TD37-1205ALF | C | 1:1.14CT | 1.2 | 35 | 0.50 | 0.70 | 1-5 |
| TD38-1505ALF | D | 1:1.15CT | 1.5 | 35 | 0.80 | 0.70 | 2-6 |
| TD70-1205ALF | C | 1:1.36CT | 1.2 | 35 | 0.50 | 0.70 | 1-5 |
| TD71-1205ALF | C | 1:2.3CT | 1.2 | 35 | 0.50 | 0.70 | 1-5 |
| TD72-1205ALF | A | 1CT:3CT | 1.2 | 45 | 0.50 | 0.70 | 1-5 |

Schematic A



Schematic B



Schematic C



Schematic D



T1/E1 Line Interface Modules

Package A



Dimensions: inches [mm]

Note: All unused pins are removed.



2880 Lakeside Drive #116
Santa Clara, CA 95054
(650) 903-3800
www.haloelectronics.com

HALO® Electronics is a leading supplier of high quality communication magnetics including signal transformers, filters, CMR chokes, PoE power transformers, DC/DC converters, and integrated Ethernet connectors. HALO's leading edge technology solutions are manufactured in ISO9001 and ISO14001 factories offering high quality products at a competitive price.