

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.

© Copyright 2014 HALO Electronics, Inc. All rights reserved.

Revised 02/2014 Download the latest version at www.haloelectronics.com/pdf/discrete-dil-t1.pdf