

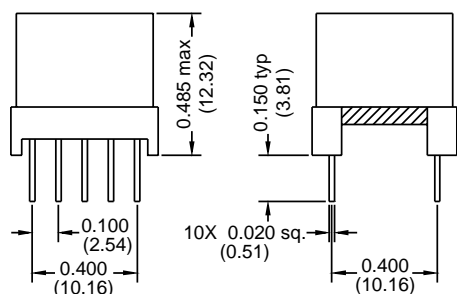
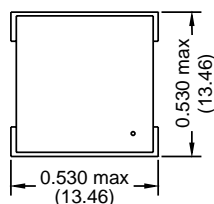


DIL 10 Pin DSL Line Isolation Modules - PRELIMINARY



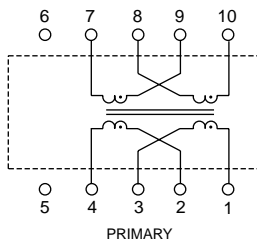
HALO Electronics has developed this standard series of 10 pin DIL modules to provide excellent results in high performance DSL circuits. This series is designed to meet the supplementary insulation requirements of UL1950, IEC950 and EN60950 for a primary circuit at a working voltage of 250V. To select the correct Line Interface device, please refer to the DSL Selection Guide.

EP13-T Package

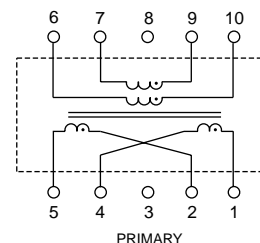


DIMENSIONS : Inch(mm)

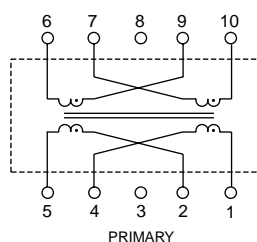
Schematic A



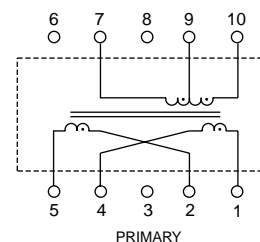
Schematic B



Schematic C



Schematic D



Electrical Specifications @ 25°C

Isolation Voltage: 1,500 Vrms
 Longitudinal Balance: -50dB Typ
 (10KHz-1MHz)

Part Number	Turns Ratio PRI : SEC	Circuit Schematic	OCL (10KHz, 0.1V)	LL (µH max)	Pri DCR
TD11-DSL02SEP	1:1 ±2% (short 2-3,8-9)	A	5.0mH ±10%	15	3.0Ω max
TD11-DSL17SEP	1:1 ±2% (short 2-3,8-9)	A	550µH ±10%	8.0	1.0Ω max
TD11-DSL21SEP	1:1 ±2% (short 2-3,8-9)	A	480µH ±10%	10	1.0Ω max
TD11-DSL34SEP	1:1 ±2% (short 2-4,7-9)	C	430µH ±10%	10	0.8Ω max
TD12-DSL35SEP	2:1 ±2% (short 2-3,8-9)	A	410µH ±10%	6.5	0.6Ω max
TD25-DSL13SEP	1:1.266 ±2% (short 2-3,8-9)	A	1.8mH min	10	2.0Ω max
TDSP-DSL25SEP	2.3:1CT ±2% (short 2-4)	D	2.0mH ±10%	35	3.72Ω ±10%
TDSP-DSL29SEP	1:1.8 ±2% (short 2-4,6-9)	B	3.0mH ±10%	30	2.3Ω max
TDSP-DSL30SEP	1.2:1 ±1% (short 2-4,6-9)	B	3.96mH ±5%	15	3.82Ω ±10%
TDSP-DSL36SEP	1:1.8 ±1.5% (short 2-4,6-9)	B	3.96mH ±5%	20	9.4Ω ±10%
TDSP-DSL37SEP	1:1.95 ±2% (short 2-3,8-9)	A	1.5mH ±10%	15	0.55Ω max