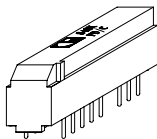


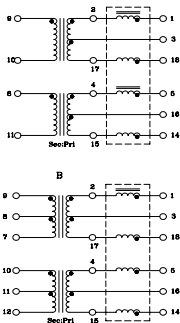
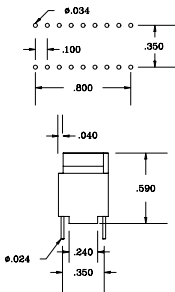
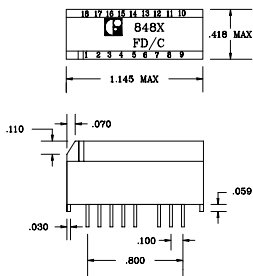
Units matched to leading transceiver IC's. Meet the impedance requirements of CCITT 1.430 for both TE and NT over extended temperature range -40 to +85°C.

IC MFG.	FILTRAN P/N	IC MFG.	FILTRAN P/N
AMD AM79C 30A/79C	8480, 8482	NATIONAL TP3420/3421	8480, 8482
LUCENT (AT&T) T7234, T7254, T7250, T7256, T7259 T7903	8481 8480, 8482	SGS THOMSON ST5420/5421	8480, 8482
MIETEC MTC-2072	8480, 8482	SIEMENS PEB2080/2081/2084/2085/2086 PSB 2186 PEB3086	8480, 8482 8480, 8482 8483
MITEL MT8930/8931	8480, 8482	YAMAHA YM7405B	8480, 8482
MOTOROLA MC145474/145475 MC145574	8483 8481		



Mechanical and Schematic (All dimensions in inches)

SUGGESTED PCB LAYOUT



ELECTRICAL SPECIFICATION @ 25°C

Part Number	Transformer							Choke		Secondary Pins
	Ratio $\pm 2\%$ (Pri:Sec)	L Pri (mH MIN)	LL Sec (H Max)	Cw/w (pF Max)	CD Pri (pF MAX)	DCR Pri ($\Omega \pm 25\%$ MAX)	DCR Sec (Ω MAX)	L (mH Min)	DCR (Ω)	
8480	1CT:2	30	30	150	100	3.2	5.4(+25%)	4.7	1.2	9-10, 8-11
8481	1CT:2.5CT	30	30	150	110	3.2	9.0	4.7	1.2	9-7,10-12
8482	1CT:2CT	30	30	150	100	3.2	5.4(+25%)	4.7	1.2	9-7,10-12
8483	1CT:1CT	30	10	150	100	3.2	3.2(+25%)	4.7	1.2	9-7,10-12

NOTE: 8480 follows schematic A. Pins 7 and 12 are not included with this module.