

# T1/CEPT

## Extended Temperature Range SMD Dual Line Interface Module

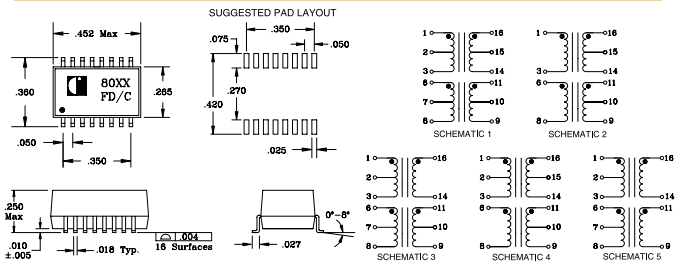
### 8001-8012

Units matched to leading transceiver ICs. Meet requirements for T1, E1, CEPT and PRI ISDN over extended temperature range -40 to +85°C.

- AT&T & Lucent Technologies	T7290, T7288, T7290A	8002	- Exar	T5684, T7288	8002
- Brooktree / Rockwell	T7289	8003	- Level One	LXT 300, LXT 301, LXT 305	8007
- Dallas	UGA 510-1	8006		LXT 317	8006
- Exar	BT87370	8002		LXT 359	8006
	BT87069B	8006		LXT 304A, LXT 305A	8004
	R8069, R8069A, R8069B	8006		LXT 310, LXT 311	8006
	LXT 304A, LXT 305A	8003		LXT 360, LXT 361, LXT 370	8007
	61574, 61534, 61544, 61574, 6158, 61535	8007		LXT 318, LXT 319	8006
	61581	8006		LXT 332	8002
	61535A, 61574A, 61575, 6158A	8003	- Mitel	MT9075, MT9074	8006
	DS21352, DS21354	8006	- PMC-Sierra	PM4341, PM6341, PM4314QD5X	8002
	DS2186, DS2187	8002		PM4351	8001, 8008, 8010
	DS2151, DS2152, DS2153, DS2154	8003	- Siemens	PEB 2254	8009
	T5650, T5620, T5675, T5681, T5683	8007		PEB 2256	8011
	58L22, 58L85, C240, C260, C262, C277	8007	- VLSI	VP14Q574, VP14Q575	8004, 8003
	T5791, T5793, T5794	8004			



### MECHANICAL AND SCHEMATIC (All dimensions in inches)



### ELECTRICAL SPECIFICATION @ 25°C

Part No.	Turns Ratio pri: sec	Primary Inductance (mH typ)	Leakage Inductance (µH max)	Interwinding Capacitance (pF max)	Primary DCR (Ω max)	Dielectric Strength (Vrms)	Primary Pins	Schematic
8001	1:2.42CT 1:2.42CT	1.50	0.50	35	0.80	1500	1-3 6-8	2
8002	1CT:2CT 1:1.36CT	1.50	0.50	35	0.80	1500	16-14 6-8	4
8003	1:1.15CT 1CT:2CT	1.50	0.50	35	0.80	1500	16-14 6-8	3
8004	1:1/1.26 1CT:2CT	1.50	0.50	35	0.80	1500	16-14 6-8	3
8005	1CT: 1.15CT 1CT: 1.15CT	1.50	0.50	35	0.80	1500	1-3 6-8	1
8006	1CT:1CT 1CT:2CT	1.50	0.50	35	0.80	1500	16-14 6-8	1
8007	1CT:2CT 1CT:2CT	1.50	0.50	35	0.80	1500	16-14 6-8	1
8008	1:2.42CT 1:2.42CT	1.50	0.50	35	0.80	1500	11-9 16-14	5
8009	1CT:1.41CT 1CT:1.41CT	1.50	0.50	35	0.80	1500	16-14 6-8	1
8010	1CT:2.42CT 1CT:2.42CT	1.50	0.50	35	0.80	1500	1-3 6-8	1
8011	1CT:1CT 1CT:2.42CT	1.50	0.50	35	0.80	1500	9-11 1-3	1
8012	1CT:1CT 1CT:1.67CT	1.50	0.50	35	0.80	1500	6-8 14-16	1

