T1/CEPT

Extended Temperature Range
SMD Dual Line Interface Module

8001-8012

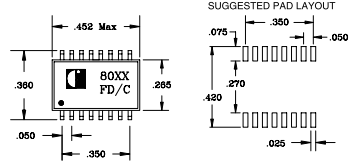
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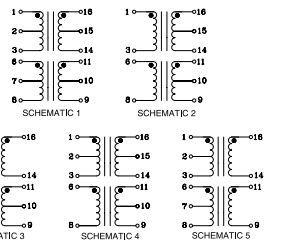
Units matched to leading transceiver ICs. Meet requirements for T1, E1, CEPT and PRI ISDN over extended temperature range –40 to +85˚C.

- **AT&T & Lucent Technologies**	T7290, T7288, T7290A	8002
	T7289	8003
- **Brooktree / Rockwell**	UGA 510-1	8006
	BT8370	8002
	BT8069B	8006
	R8069, R8069A, R8069B	8006
- **Crystal**	61574, 61534, 61544, 61574, 6158, 61535	8007
	61581	8006
	61535A, 61574A, 61575, 6158A	8003
- **Dallas**	DS21352, DS21354	8006
	DS2186, DS2187	8002
	DS2151, DS2152, DS2153, DS2154	8003
- **Exar**	T5650, T5620, T5675, T5681, T5683	8007
	56L22, 56L85, C240, C260, C262, C277	8007
	T5791, T5793,T5794	8004
- **Exar**	T5684, T7288	8002
- **Level One**	LXT 300, LXT 301, LXT 305	8007
	LXT 317	8006
	LXT 359	8006
	LXT 304A, LXT 305A	8004
	LXT 310, LXT 311	8006
	LXT 304A, LXT 305A	8003
	LXT 360, LXT361, LXT 370	8007
	LXT 318, LXT 319	8006
	LXT 332	8007
- **Mitel**	MT9075, MT9074	8006
- **PMC-Sierra**	PM4341, PM6341, PM4314QDSX	8002
	PM4351	8001, 8008 , 8010
- **Siemens**	PEB 2254	8009
	PEB 2256	8011
- **VLSI**	VP14Q574, VP14Q575	8004, 8003



MECHANICAL AND SCHEMATIC (All dimensions in inches)





Units are provided tape & reel

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

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