T1/E1

Extended Temperature Range
SMD Single Transformers

8020-8028

FILTRAN

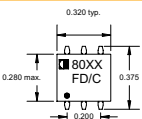
Meets the isolation and impedance matching requirements for T1, E1, CEPT and PRI ISDN applications over a temperature range of -40°C to +85°C.

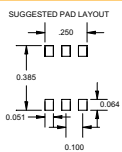


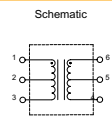
IC MFG.	PART NO.	TRANSMIT	RECEIVE
CRYSTAL	61304A/61305A, 6135A/61577	8021	8021
	61535A/6158A, 61574A/61575	8022	8021
	61582/61583, 61584/61584A(5V)	8025	8025
	61584/61584A (3.3)	8021	8021
	61310/61318/61581	8021	8020
	61881	8025	8021
DALLAS	DS2151/2/3/4	8025	8020
	21352/21O352, 21354/21O354	8021	8020
	21552/21O552, 21554,21O554	8026	8020
EXAR	XRT5683A, T5894/T5897,	8021	8021
	XRT5997/59L91	8021	8021
	XRT5684/7288	8026	8021
	XRT56L85	8021	8020
	T5793/94	8022	8020
INFINEON	PEB22554	8028	8028
	PEB22504 (3.3V)	8023	8020
	PEB2256	8023	8023

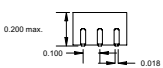
IC MFG.	PART NO.	TRANSMIT	RECEIVE
LEVEL ONE	LXT 300Z/301Z,332/334, 384/386/388	8021	8021
	LXT304A/305A	8022	8021
	LXT310/317/318	8021	8020
	LXT331/351/360	8027	8020
	LXT335	8026	8020
LUCENT	T7288/T7290A	8026	8021
	T7289A	8025	8021
	T7690 (CEPT)	8026	8026
	T7689, T7690/T7698(DS1)	8024	8024
	T7693 (CEPT)	8023	8023
	T7688/T7690 (CEPT) T7698 (CEPT)	8026	8026
PMC SIERRA	PM4314, PM4341/6341	8026	8021
	PM 4351	8023	8023
VLSI	VP14Q574/575	8025	8021

MECHANICAL AND SCHEMATIC (All dimensions in inches)











ELECTRICAL SPECIFICATION @ 25˚C

Part no.	Turns Ratio Pri:Sec	OCL (Pin 1-3) (mH typ.)	Interwinding Capacitance (pF Max.)	Isolation Voltage (Vrms)	Leakage Inductance (uH Max.)	DCR PIN (1-3) (ohm Max)
8020	1CT:1CT	1.5	35	1500	0.5	0.80
8021	1CT:2CT	1.5	35	1500	0.5	0.80
8022	1CT:1/1.266	1.5	35	1500	0.5	0.70
8023	1CT:2.42CT	1.5	35	1500	0.5	0.80
8024	1CT:1.14CT	1.5	35	1500	0.5	0.80
8025	1CT:1.15CT	1.5	35	1500	0.5	0.80
8026	1CT:1.36CT	1.5	35	1500	0.5	0.80
8027	1CT:2.3CT	1.5	35	1500	0.5	0.80
8028	1CT:1.41CT	1.5	35	1500	0.5	0.80

Exceeds UL 1950, IEC950 and EN60950.

ISSUE B 08/08/01 8020-8028

FILTRAN LTD
An ISO 9001 Registered Company
229 Colonnade Road, Nepean, Ontario, Canada K2E 7K3
Tel: (613) 226-1626 Fax: (613) 226-7124 www.filtran.com