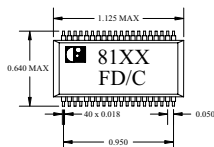


- Eight transformers in a SMD package supporting four transmit and four receive channels
- Units matched to leading dual and quad T1/E1/CEPT/SDN-PRI IC's

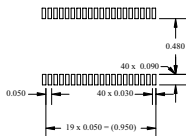


Crystal	61574	T1 & PCM-30	8160	LXT332	E1	8159
	61535A, 61574A, 61575, 6158A	T1	8155	LXT332	E1	8160
	61535A, 61574A, 61575, 6158A	E1	8160	LXT334	QUAD E1	8158
Dallas	61583	T1E1(3.3V)	8152	LXT335	QUAD T1	8157
	61583	T1E1(5.0V)	8153	LXT335	QUAD E1	8158
	61584, 61584A	IQ3	8160	LXT360/361/370	T1E1	8157
Estar	DS2146, DS2187		8156	Lucent Technologies	CEPT	8158
	DS2151, DS2152, DS2153, DS2154	T1,E1	8158	DS1	T1 & CEPT	8158
	DS21Q352, DS21Q354	3V QUAD	8157	T7290	QUAD E1	8162
Level One	TS650, TS620, TS675, TS681, TS683	5V QUAD	8160	T7688	QUAD T1	8161
	56L22, 56L65, C240, C280, C282, C277		8160	T7690	DS1	8161
	TS793, TS794	QUAD E1	8154	T7690	CEPT	8162
Rockwell	T7288	T1	8158	PMC-Sierra	PM341, PM6341	8158
	LXT300/001/005	CEPT	8160	PM341A	PM4351-RI	T1
	LXT304A/305A	T1	8155	PM4351-RI	T1,E1	8158
Siemens	LXT304A/305A	PCM-3075/120	8154	R8069, R806A, R8069B		8157
	LXT310/011		8157	PEB254		8158
	LXT317/018	T1E1	8160	PER2254		8150
VLSI	LXT317/018	T1E1	8159	VP14Q574	T1	8155
	LXT317/018	T1E1	8157	VP14Q574	E1	8155
	LXT331	E1	8157	VP14Q575	T1	8155
				VP14Q575	E175	8155

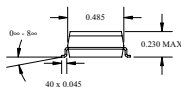
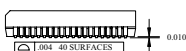
## MECHANICAL AND SCHEMATIC (All dimensions in inches)



## SUGGESTED PAD LAYOUT



SEE PAGE TWO FOR SCHEMATICS

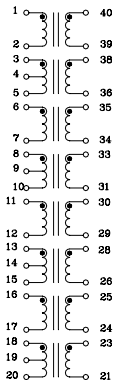


UNLESS OTHERWISE SPECIFIED, ALL TOLERANCES ARE ± .010

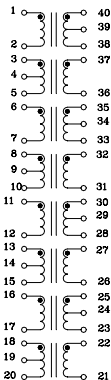
## ELECTRICAL SPECIFICATION @ 25 °C

Part Number	Turns Ratio (Pri:Sec ±2%)		OCL @ 25 °C (mH MIN)				LI (µH MAX)				C <sub>ww</sub> pF (MAX)	Schematic	Primary Pins	
	TX	RX	TX	RX	TX	RX	TX	RX	TX	RX			TX	RX
8150	1:2.4	1:1	1.0	1.0	0.5	0.5	35	35	F		1-2, 8-9, 11-12, 19-19	24-25, 27-28, 34-35, 37-38		
8151	1:2CT	1CT:2	1.2	1.2	0.6	0.6	35	35	C		4-5, 9-10, 14-15, 19-20	1-3, 6-8, 11-13, 18-18		
8152	1:2	1:2	1.2	1.2	0.6	0.6	35	35	E		1-3, 6-8, 11-13, 18-18	4-5, 9-10, 14-15, 19-20		
8153	1:1.15	1:1.15	1.2	1.2	0.6	0.6	35	35	E		1-3, 6-8, 11-13, 18-18	4-5, 9-10, 14-15, 19-20		
8154	1:1/1.26	1:2CT	1.2	1.2	0.6	0.6	35	35	B		1-2, 6-7, 11-12, 18-17	21-22, 26-27, 31-32, 36-37		
8155	1:1.15	1:2CT	1.2	1.2	0.6	0.6	35	35	A		1-2, 6-7, 11-12, 18-17	21-23, 26-28, 31-33, 36-38		
8156	TCT:1.41	TCT:1.41	1.2	1.2	0.6	0.6	35	35	C		1-3, 6-8, 11-13, 18-18	21-23, 26-28, 31-33, 36-38		
8157	1:2CT	1:1CT	1.2	1.2	0.6	0.6	35	35	B		1-2, 6-7, 11-12, 18-17	21-22, 26-27, 31-32, 36-37		
8158	1:1.38CT	1:2CT	1.2	1.2	0.6	0.6	35	35	C		24-25, 29-30, 34-35, 39-40	4-5, 9-10, 14-15, 19-20		
8159	1:2	1:2CT	1.2	1.2	0.6	0.6	35	35	D		1-2, 9-10, 11-12, 19-20	23-25, 28-29, 33-35, 36-38		
8160	1:2CT	1:2CT	1.2	1.2	0.6	0.6	35	35	C		4-5, 9-10, 14-15, 19-20	24-25, 29-30, 34-35, 39-40		
8161	1:1.14	1:1.14CT	1.2	1.2	0.6	0.6	35	35	A		1-2, 6-7, 11-12, 18-17	38-36, 33-31, 28-26, 23-21		
8162	1:1.36	1:1.36CT	1.2	1.2	0.4	0.5	20	20	A		1-2, 6-7, 11-12, 18-17	38-36, 33-31, 28-26, 23-21		
8163	1:2.4	1:1CT	1.0	1.0	0.5	0.5	35	35	G		1-2, 8-10, 11-12, 19-20	38-37, 35-34, 28-27, 25-24		

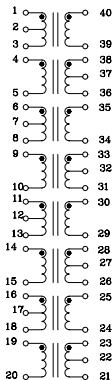
SCHEMATIC A



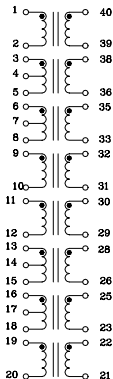
SCHEMATIC B



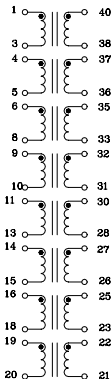
SCHEMATIC C



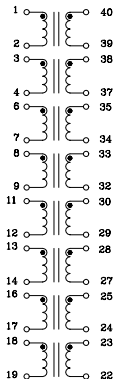
SCHEMATIC D



SCHEMATIC E



SCHEMATIC F



SCHEMATIC G

