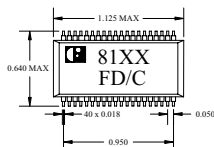


- Eight transformers in a SMD package supporting four transmit and four receive channels
- Units matched to leading dual and quad T1/E1/CEPT/SDN-PRI IC's

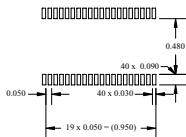


Crystal	61574	T1 & PCM-30	8160	LXT332	E1	8159	
	61535A, 61574A, 61575, 6158A	T1	8155	LXT332	E1	8160	
	61535A, 61574A, 61575, 6158A	E1	8160	LXT334	QUAD E1	8158	
	61583	T1E1(3.3V)	8152	LXT335	QUAD T1	8157	
Dallas	61583	T1E1(5.0V)	8153	LXT335	QUAD E1	8158	
	61584, 61584A	IQ3	8160	LXT360/361/370	T1E1	8157	
	DS2186, DS2187		8156	Lucent	CEPT	8158	
	DS2151, DS2152, DS2153, DS2154	T1,E1	8158	Technologies	TZ289	DS1	8155
	DS21Q352, DS21Q354	3V QUAD	8157		TZ290	T1 & CEPT	8158
	DS21Q552, DS21Q554	5V QUAD	8158		TZ688	QUAD E1	8162
	TS650, TS620, TS675, TS681, TS683		8160		TZ689	QUAD T1	8161
	56L22, 56L65, C240, C280, C282, C277		8160		TZ690	DS1	8161
	TS793, TS794	QUAD E1	8154		TZ690	CEPT	8162
	TS684	T1	8158	PMC-Sierra	PM4341, PM6341		8158
Estar	TZ728	CEPT	8156	PM4341		8158	
	LXT300/001/005		8160	PM4351-RI	T1	8163	
	LXT304A/305A	T1	8155	Rockwell	BT8370	T1,E1	8158
	LXT304A/305A	PCM-3075/120	8154		R8069, R806A, R8069B		8157
	LXT310/011		8157	Siemens	PEB254		8156
	LXT317/018	T1E1	8160		PER2254		8150
	LXT317/018	T1E1	8159	VLSI	VP14Q574	T1	8155
	LXT317/018	T1E1	8157		VP14Q574	E1	8155
	LXT331	E1	8157		VP14Q575	T1	8155
					VP14Q575	E1, T1	8155

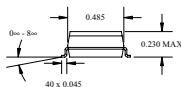
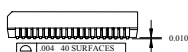
MECHANICAL AND SCHEMATIC (All dimensions in inches)



SUGGESTED PAD LAYOUT



SEE PAGE TWO FOR SCHEMATICS

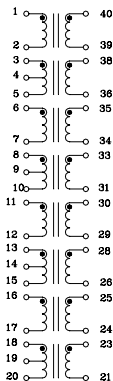


UNLESS OTHERWISE SPECIFIED, ALL TOLERANCES ARE ± .010

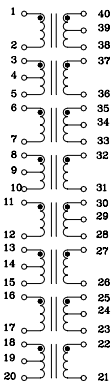
ELECTRICAL SPECIFICATION @ 25 °C

Part Number	Turns Ratio (Pri:Sec ±2%)		OCL @ 25 °C (mH MIN)				LI (µH MAX)		C _{ww} 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, 8-10, 11-12, 19-20	23-25, 28-33, 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	

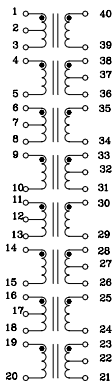
SCHEMATIC A



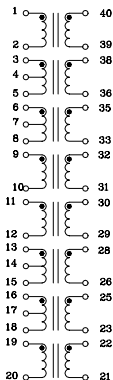
SCHEMATIC B



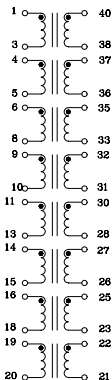
SCHEMATIC C



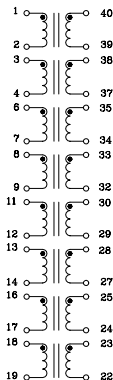
SCHEMATIC D



SCHEMATIC E



SCHEMATIC F



SCHEMATIC G

