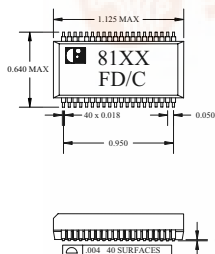


- Eight transformers in a SMD package supporting four transmit and four receive channels
- Units match the following dual in line (DIP) and quad flat pack (QFP) DN-PRI IC's

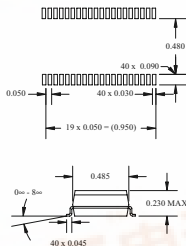


Crystal	61574	T1 & PCM-30	8160	LXT332	E1	8159
	61535A, 61574A, 61575, 6158A	T1	8155	LXT332	E1	8160
	61535A, 61574A, 61575, 6158A	E1	8160	LXT334	QUAD E1	8158
	61583	T1/E1(3,3V)	8152	LXT335	QUAD T1	8157
	61583	T1/E1(5.0V)	8153	LXT335	QUAD E1	8158
	61584, 61584A	IQ3	8160	LXT360/361/370	T1/E1	8157
	DS2188, DS2187		8156	Lucent	CEPT	8158
	DS2151, DS2152, DS2153, DS2154	T1,E1	8158	Technologies	T2289	DS1
	DS21Q352, DS21Q354	3V QUAD	8157		T290	T1 & CEPT
	DS21Q552, DS21Q554	5V QUAD	8160		T7888	QUAD E1
	T5650, T5620, T5675, T5681, T5683		8160		T7869	QUAD T1
	56L22, 56L85, C240, C280, C282, C277		8160		T7890	DS1
	T5793, T5794	QUAD E1	8154		T7890	CEPT
	T5684	T1	8158	PMC-Sierra	PM4341, PM6341	8162
	T7288	CEPT	8156		PM4314	8158
	LXT300/301/305	PCM-3075/120	8154		PM4351-RI	T1
	LXT304A/305A	T1	8155	Rockwell	BT8370	T1,E1
	LXT304A/305A	PCM-3075/120	8154		R8069, R806A, R8069B	8157
	LXT310/311		8157		PER2254	8156
	LXT317/318	T1/E1	8160	Siemens	PER2254	8150
	LXT317/318	T1/E1	8159		VLSI	VP14Q574
	LXT317/318	T1/E1	8157			VP14Q575
	LXT331	E1	8157			VP14Q575

## 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	5:1	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	24-26, 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	1:1.38	1:1.38CT	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	1:1.7	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		

