

- ※Dual SMT Small package
- ※Isolation Voltage: 1500 Vrms
- ※For RoHS part add suffix NL
- ※RoHS NL peak solder rating 235°C



Electrical Specifications @25°C

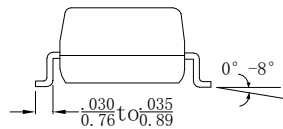
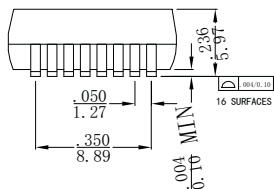
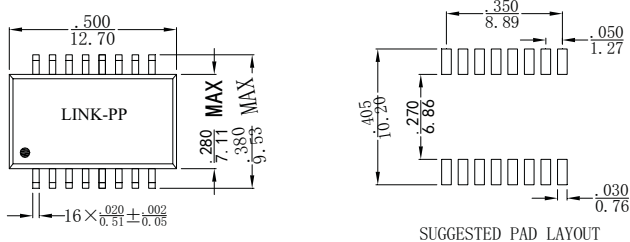
P/N (STD temp)	P/N (EXT temp.)	Turns Ratio (Pri: Sec±5%)	OCL (mH MIN)	C _{WV} (pF MAX)	L _L (μH MAX)	DCR Pri (Ω MAX)	Package/ Schematic	Primary Pins
LPB85861	LPB81090	1CT:2CT&1CT:2CT	1.20&1.20	30&30	.60&.60	0.70&0.70	TE2/1	16-14,6-8
LPB85862	LPB81091	1CT:2CT&1:1.36CT	1.20&1.20	30&30	.60&.60	0.70&0.70	TE2/2	16-14,6-8
LPB85865	LPB81076	1:1.15CT&1CT:2CT	1.20&1.20	30&30	.60&.60	0.70&0.70	TE2/3	16-14,6-8
LPB85866 ^F	LPB81092	1:1/1.26&1CT:2CT	1.20&1.20	30&30	.60&.60	0.70&0.70	TE2/3	16-14,6-8
LPB85870	LPB81093	1CT:1.15CT&1CT:1.15CT	1.20&1.20	30&30	.60&.60	0.70&0.70	TE2/1	1-3,6-8
LPB81022	LPB81077	1CT:1CT&1CT:1.5CT	1.20&1.20	30&30	.80&.80	0.70&0.70	TE2/1	16-14,6-8
LPB88678	LPB81094	1CT:1CT&1CT:2CT	1.20&1.20	30&30	.60&.60	0.70&0.70	TE2/1	16-14,6-8
LPB88786	LPB81095	1CT:1.41CT&1CT:1.41CT	1.00&1.00	30&30	.60&.60	0.70&0.70	TE2/1	16-14,11-9
LPB81023	LPB81096	1CT:1.41CT&1CT:1.41CT	1.00&1.00	30&30	.60&.60	0.70&0.70	TE2/1	1-3,11-9
----	LPB81144	1CT:1CT&1CT:2.4CT	1.00&1.00	30&30	.80&.80	0.85&0.85	TE2/1	9-11,1-3
----	LPB81097	1CT:1CT&1CT:1.67CT	1.00&1.00	25&25	.80&.80	0.80&0.80	TE2/1	6-8,14-16
LPB81136	----	1CT:1CT&1CT:1.36CT	1.20&1.20	30&30	.60&.60	0.70&0.70	TE2/1	6-8,1-3
LPB81121	----	1CT:1.5CT&1CT:1.5CT	1.50&1.50	40&40	.80&.80	0.70&0.70	TE2/1	1-3,6-8
LPB81122	----	1CT:2CT&1CT:2.3CT	1.20&1.20	30&30	.80&.80	0.90&0.90	TE2/1	6-8,14-16
LPB81021	----	2CT:1/1.26&2CT:1/1.26	1.50&1.50	40&40	.50&.50	0.70&0.70	TE2/1	1-3,11-9
LPB81075	----	2CS:1.57/2&2CS:1.57/2	1.50&1.50	40&40	.50&.50	0.70&0.70	TE2/4	1-2,5-6
LPB81190	----	1CT:1CT&1CT:1.36CT	1.20&1.20	30&30	.60&.60	0.70&0.70	TE2/1	16-14,6-8
LPB81137	LPB81287	1CT:2.42CT&1CT:2.42CT	1.20&1.20	25&25	.60&.60	0.70&0.70	TE2/1	1-3,6-8
----	LPB81146	1:2/2.4&1:0.79/1	1.00&1.00	35&35	1.00&1.00	0.80&0.80	TE2/5	1-3,6-8
LPB81286	----	1CT:2.4CT&1CT:2.4CT	1.20&1.20	15&15	.30&.30	0.30&0.30	TE2/1	1-3,6-8
----	LPB81317	1:2CT&1:2CS	1.20&1.20	35&35	.50&1.00	1.00&1.00	TE2/6	1-3,11-9
----	LPB81189	1:1.36CT&1:2CT	1.20&1.20	30&30	.60&.60	1.00&1.00	TE2/7	16-14,6-8
----	LPB81188	1CT:2CT&1CT:2CT	1.20&1.20	30&30	.60&.60	0.70&0.70	TE2/1	1-3,6-8
----	LPB81187	1CT:2CT&1:1	1.20&1.20	30&30	.60&.60	0.70&0.70	TE2/8	1-3,6-8
----	LPB81088	1CT:2CT&1CT:2.42CT	1.20&1.20	35&35	.80&.80	1.00&1.00	TE2/1	1-3,6-8
----	LPB81089	1CT:1CT&1CT:1CT	1.20&1.20	30&30	.80&.80	0.70&0.70	TE2/1	1-3,6-8
----	LPB81099	1CT:1:0.8&1CT:1:0.8	1.20&1.20	30&30	.80&.80	1.00&1.00	TE2/4	16-14,11-9
----	LPB81186	1CT:1.58:2&1:1.65:2	1.20&1.20	30&30	.80&.80	1.00&1.00	TE2/9	2-4,6-7
----	LPB81467	1CT:1:1&1CT:1:1	1.20&1.20	30&30	.80&.80	1.00&1.00	TE2/4	16-14,11-9

NOTE: Standard (STD) operating temperature range is 0°C to 70°C. Extended (EXT) operating temperature range is -40°C to +85°C. Models are available with unused leads removed.

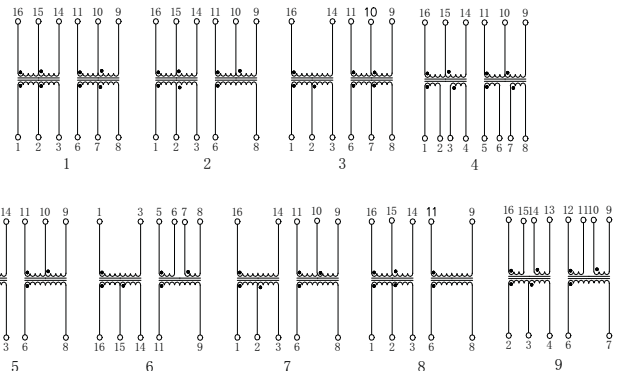
Mechanical

Schematics

TE2



Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{0.01}{0.25}$



- ※For T1/CEPT line interfaces
- ※Isolation Voltage: 3000 Vrms
- ※For RoHS part add suffix NL
- ※RoHS NL peak solder rating 235°C



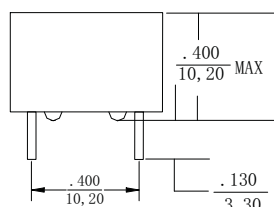
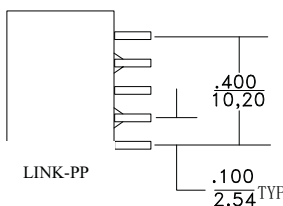
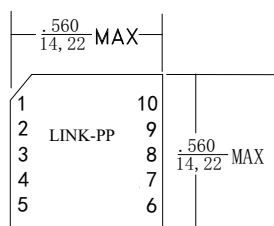
Electrical Specifications @ 25°C ----Operating Temperature 0°C to 70°C (Unless Otherwise Noted)

Part Number	Turns Ratio (±5%)	OCV (mH MIN)	C _{ww} (pF MAX)	L _L (μH MAX)	DCR Pri (Ω MAX)	DCR Sec (Ω MAX)	Safety Agency Recognition	Package/Schematic	Primary Pins
LPB85830	1.27CS:1	.800	15	0.70	0.50	0.35	C,T,U,B	TE3/3	1-5
LPB85831	1CS:1	.800	15	0.70	0.50	0.45	C,T,U,B	TE3/3	1-5
LPB85832	1:1.36CT	1.20	35	0.60	0.70	0.90	C,T,U,B	TE3/4	10-6
LPB85833	1CT:2CT	1.20	20	0.30-0.55	0.50	0.90	C,T,U,B	TE3/1	1-5
LPB85834	1:1	1.20	20	0.50	0.50	0.50	C,T,U,B	TE3/2	1-5
LPB85835	1CT:2CT	1.20	15	0.80	0.70	1.10	C,T,U,B	TE3/1	1-5
LPB85836	1CT:3CT:1	.600	30	0.80	0.70	1.70	C,T,U,B	TE3/5	1-3
LPB85837	1:1.08/1.36	1.50	20	0.60	0.70	0.90	C,T,U,B	TE3/4	10-6
LPB85838	1:1.14CT	1.50	30	1.00	0.70	0.90	C,T,U,B	TE3S/4	10-6
LPB85839	1:1/1.26	1.50	35	0.60	0.70	1.10	C,T,U,B	TE3/4	10-6
LPB88646	1:1.58/2	1.50	20	0.70	0.70	1.20	C,T,U,B	TE3/4	10-6
LPB88788	1CT:1.41CT	1.20	20	0.80	0.60	0.80	T,U,B	TE3/1	10-6

Mechanical

Schematics

TE3



Notes:
Leads are 22AWG solderable.
Unused pins not provided.

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

