

- Ideal for robust applications.
- Low EMI/Self shielded design.
- Wide operating temperature range.
- Low DCR for cool operation.
- Designed for low ripple.
- Stable inductance over varying loads.
- Tape/Reel available.
- Recommended by National Semiconductor® for use with LM259x and LM267x converters.

Simple Switcher Specifications

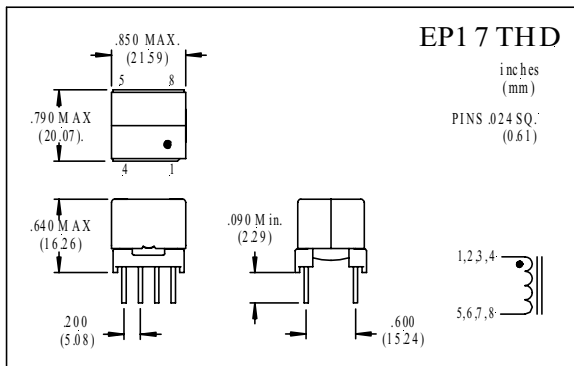
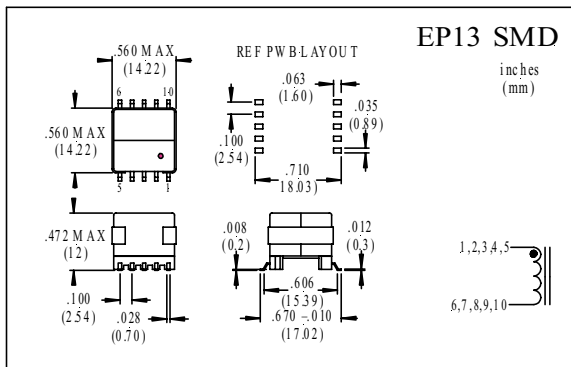
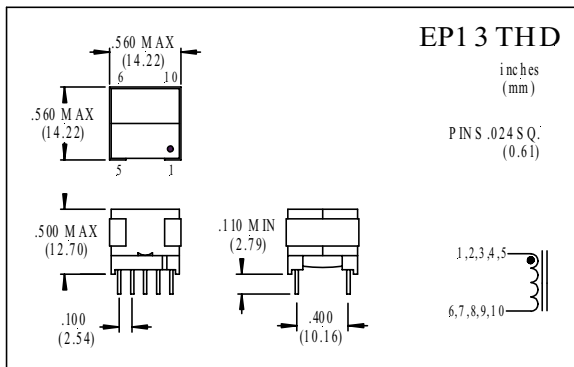
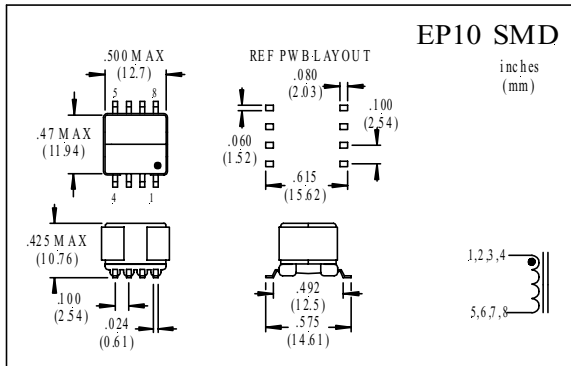
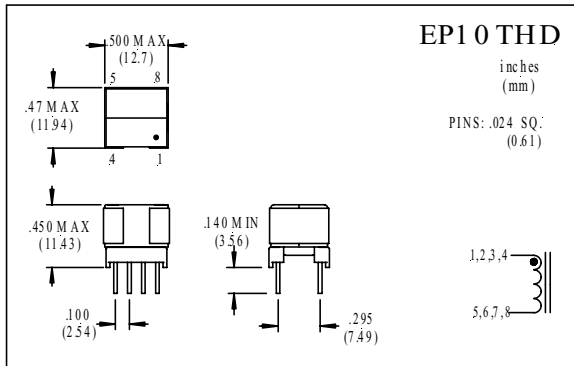
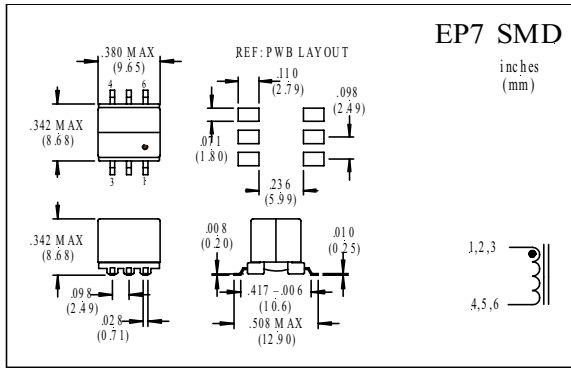
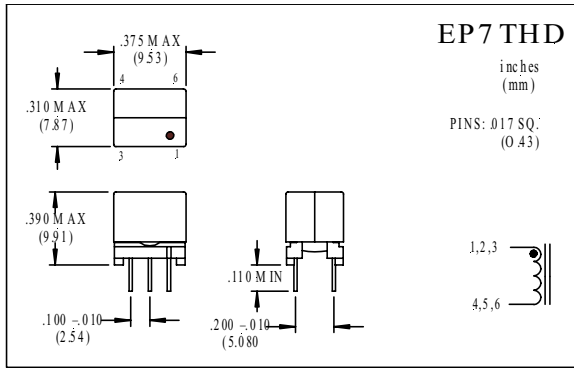
Schott P/N	Previous Schott P/N	NSC Reference	Inductance μ H Min	Saturating Current Amps DC	Maximum DCR Ohms	Configuration
34573	67144280	L1	220	0.17	0.250	EP7 SMD
34574	67144290	L2	150	0.19	0.200	EP7 SMD
34575	67144300	L3	100	0.25	0.100	EP7 SMD
34576	67144310	L4	68	0.30	0.075	EP7 SMD
34577	67148420	L5	47	0.35	0.065	EP7 SMD
34578	67148430	L6	33	0.40	.0350	EP7 SMD
34579	67148440	L7	22	0.50	0.030	EP7 SMD
34580	67144320	L8	330	0.30	0.700	EP7 SMD
34581	67144330	L9	220	0.35	0.550	EP7 SMD
34582	67144340	L10	150	0.45	0.300	EP7 SMD
34583	67144350	L11	100	0.55	0.250	EP7 SMD
34584	67144360	L12	68	0.70	0.200	EP7 SMD
34585	67144380	L13	47	0.80	0.130	EP7 SMD
34586	67148450	L14	33	1.10	0.075	EP7 SMD
34587	67148460	L15	22	1.30	0.060	EP7 SMD
34588	67148470	L16	15	1.60	0.050	EP7 SMD
34589	67144410	L17	330	0.42	0.320	EP10 SMD
34590	67144420	L18	220	0.51	0.220	EP10 SMD
34591	67144430	L19	150	0.63	0.180	EP10 SMD
34592	67144440	L20	100	0.76	0.094	EP10 SMD
34593	67144450	L21	68	0.95	0.070	EP10 SMD
34594	67144460	L22	47	1.15	0.045	EP10 SMD
34595	67144470	L23	33	1.37	0.034	EP10 SMD
34596	67148480	L24	22	1.65	0.030	EP10 SMD
34597	67148490	L25	15	2.00	0.021	EP10 SMD
34598	67144480	L26	330	0.85	0.240	EP13 SMD
34599	67144490	L27	220	1.00	0.150	EP13 SMD
34600	67144500	L28	150	1.20	0.120	EP13 SMD
34601	67144510	L29	100	1.50	0.090	EP13 SMD
34602	67144520	L30	68	1.85	0.050	EP13 SMD
34603	67144530	L31	47	2.25	0.035	EP13 SMD
34604	67144540	L32	33	2.70	0.030	EP13 SMD
34605	67148500	L33	22	3.50	0.032	EP13 SMD
34606	67148790	L34	15	4.00	0.015	EP13 SMD
34644	67148290	L40	33	3.60	0.035	EP13 SMD
34645	67148300	L41	22	3.70	0.025	EP13 SMD

Parts availability subject to Schott manufacturing schedules and leadtimes. Not all parts available from stock. Please contact us for more details and availability. The Adobe Acrobat Reader is required to view these linked documents.

Electrical Specifications Test Criteria

1. All inductors designed for operating at -40°C to $+130^{\circ}\text{C}$.
2. Inductance is measured at 10 kHz, 0.1 Vrms.
3. Saturating current is the current at which the inductance is equal to a minimum of 90% of the rated value.
4. All terminals jumpered on each side of all parts.

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