

- Central Office or Customer Premises
- Excellent THD performance
- Supports datarates to 8Mb/s (G7070) or 1.5Mb/s (G7061)
- Meets ITU G.992.1 (G.DMT) ITU G.992.2 (G.Lite) ANSI T1.413 Issue 2 and CAP (TR-59)
- Supports ITU G.992 Annex A (POTS), Annex B (ISDN) and Annex C (TCM-ISDN)
- Designed to optimize performance with Globespan Semiconductor Transceiver ICs
- UL94V-0 materials
- ISO 9001 Certified Supplier
- UL/CSA/BABT Safety Approvals

Specifications

Schott P/N	OCL Line μ H	OCL Tol +/- 2%	Turns Ratio Chip:Line +/- 1%	Leakage μ H Max	DCR Chip Ohms Max	DCR Line Ohms Max	Dielectric Strength VAC Min	Package / Schematic
34915	474	10	1:1.41	10	0.80	1.10	1500	EP13 THD / 1
36038	474	10	1:1.41	10	0.50	1.00	1500	EP13 THD / 2
35598	474	10	1:1.41	15	0.80	1.10	1500	EP13 SMD / 1
37300	474	5	1:1.41	5	0.474	2.10	1500	EP10 SMD / 3
37816	474	10	1:1.41	15	2.00	2.00	1500	EP7 SMD / 3
37820	100	5	1:2	9	0.48	1.04	1800	EP13 SMD / 5
37509	440	10	1:2	10	0.88	1.85	1500	EP13 SMD / 1
37104	430	10	1:1	5	0.80	1.00	1500	EP13 SMD / 8
37604	3000	10	1:3.10	30	0.40	5.00	1500	EP10 THD / 6
37319	4000	5	1:4	30	0.30	4.80	1500	EP13 THD / 7
39228	474	6	2:1	5	2.00	2.4	1500	STEP 7 / 4
39216	474	6	1.15:1	7	2.00	2.2	1500	STEP 7 / 4

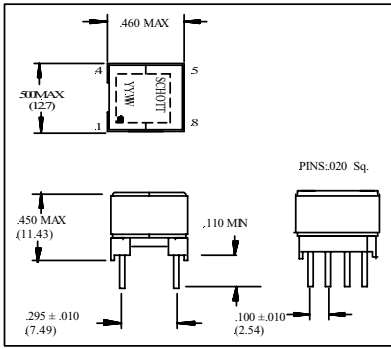
Parts availability subject to Schott manufacturing schedules and leadtimes. Not all parts available from stock. Please contact us for more details and availability. The Adobe Acrobat Reader is required to view these linked documents.

Electrical Specifications Test Criteria

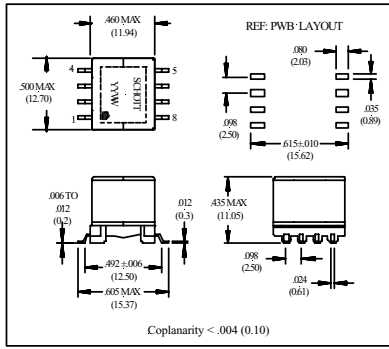
1. These transformers are designed for operating within a temperature range of -40°C to $+85^{\circ}\text{C}$. All electrical characteristics are reported for operating at 25°C .
2. Inductance is measured at 10kHz, 0.1 Vrms, Leakage Inductance at 100kHz, 0.1 Vrms.
3. Designed to meet UL/CSA/BABT 1950/EN60950 Isolation and Insulation requirements.
4. For complete parameters of components listed above, request individual specification sheets.

All data is believed to be accurate at time of printing. Schott Corporation reserves the right to make changes without notification. "Schott" is a trade name of Schott Corporation. All other trademarks and trade names are the property of their respective holder.

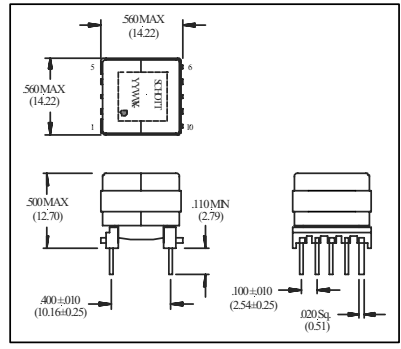
EP 10 THD



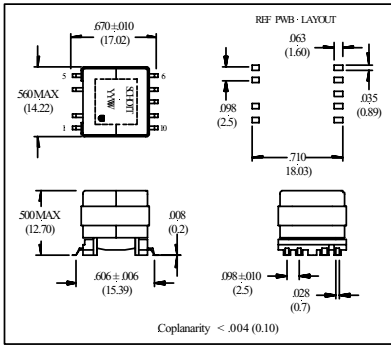
EP 10 SMD



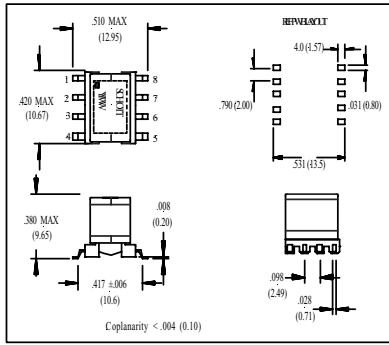
EP 13 THD



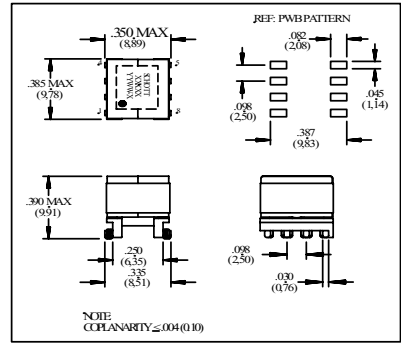
EP 13 SMD



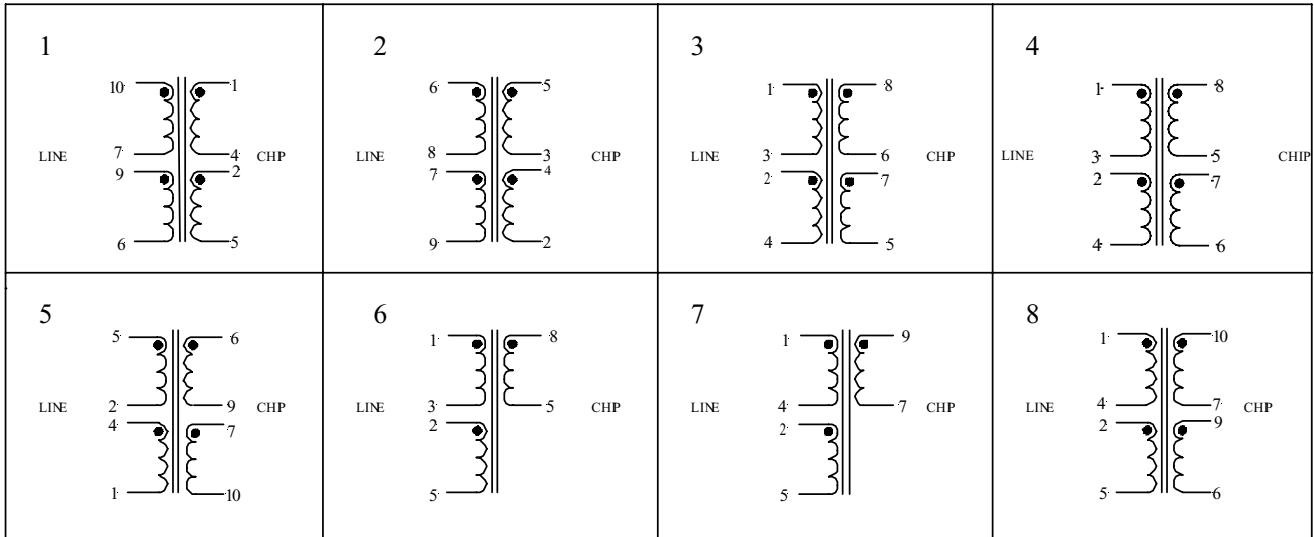
EP 7 SMD



STEP7



SCHEMATICS



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