

- Surface Mount Package supports two T1/E1 ports
- Meets UL1459 and UL1950/EN60950
- Transmit and receive models available
- Models matched to leading Quad and Dual ICs.
- Isolation Voltage: 1500 Vrms

Specifications

Schott P/N	Turns Ratio Pri:Sec +/- 3%	Pri OCL mH Min	Leakage uH MAX	IWC pF Max	DCR Pri Ohms Max	DCR Sec Ohms MAX	Package Schematic	Primary Pins
37531	1:2CT	1.2	0.35	30	0.6	1.0	1	1-3,5-7, 10-12,14-16
37532	1:1.36CT	1.2	0.50	30	0.6	0.8	1	1-3,5-7, 10-12,14-16
37533	1:1.36 and 1:2	1.2	0.80	35	0.6	1.0	2	1-3,10-12, 19-17,28-26
37534	1:1.15CT	1.2	0.70	23	0.6	1.0	1	1-3,5-7, 10-12,14-16
37535	1:2/1.15	1.2	0.40	30	0.6	1.0	1	1-3,5-7, 10-12,14-16
37536	1:1.36/1	1.2	0.40	30	0.6	1.0	1	1-3,5-7, 10-12,14-16

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.

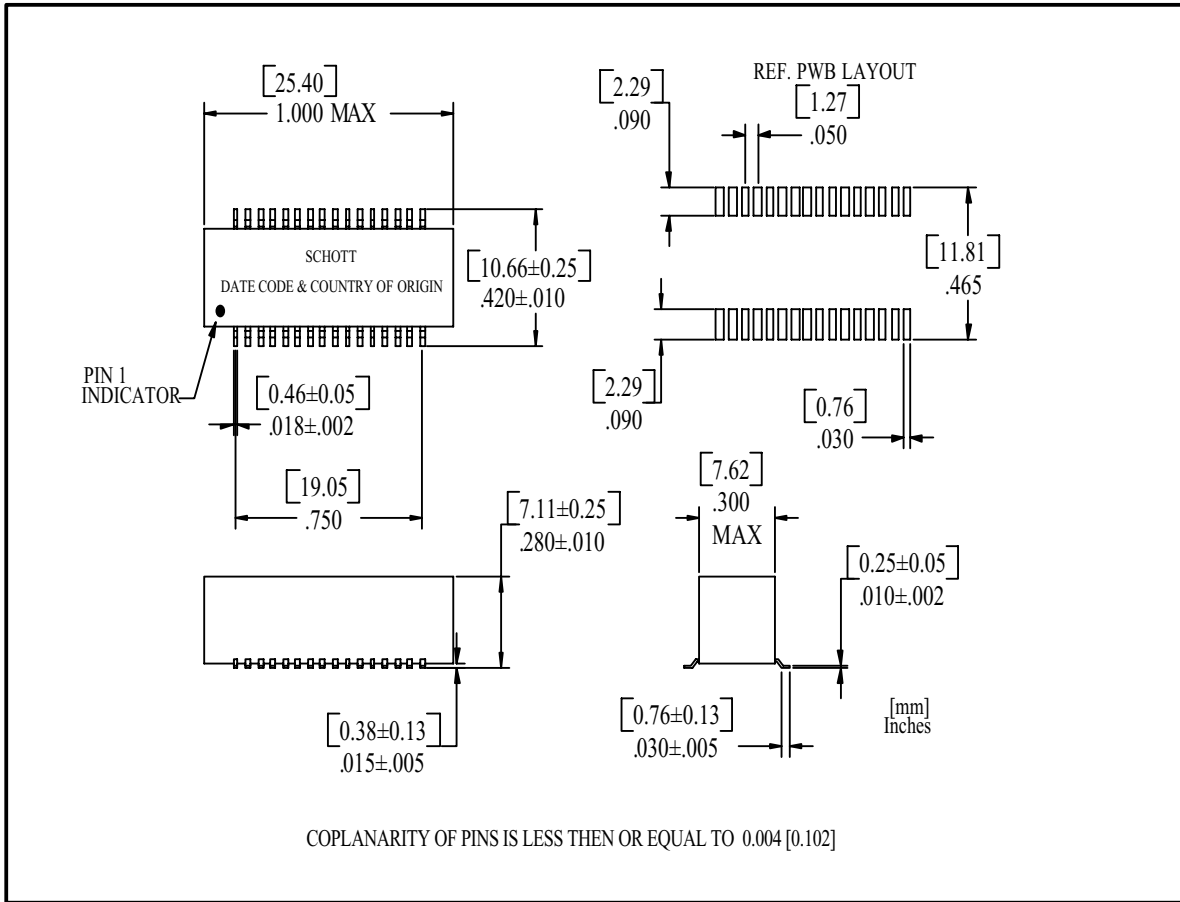
Electrical Specifications Test Criteria

1. These Transformers are designed for operating within a temperature of 0°C to +70°C.
2. All electrical characteristics are reported for operating at 25°C.
3. Inductance is measured at 100kHz, 0.01 Vrms, Leakage at 1 MHz, 0.1 Vrms.
4. Dual turns ratio- These transformers have tapped secondary windings to provide two turns ratios. Use entire Primary winding And connect secondary pins as listed below to obtain desired turns ratio.

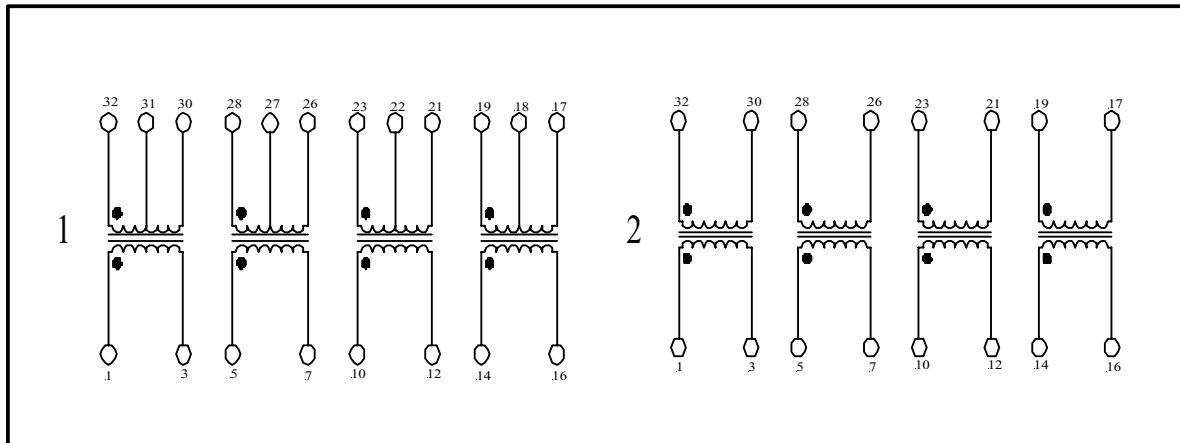
Part #	T/R #1	Sec Pins	T/R #2	Sec Pins
37535	1:1.15	31-32, 27-28, 22-23, 18-19	1:2	30-32, 26-28, 21-23, 17-19
37536	1:1	31-32, 27-28, 22-23, 18-19	1:1.36	30-32, 26-28, 21-23, 17-19

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.

MECHANICAL OUTLINE



SCHEMATICS



All statements and technical information contained herein are believed to be accurate, but the accuracy and completeness thereof is not guaranteed. If any product is found to be defective, Schott Corporation's (Seller) only obligation shall be to replace such quantity of the product proved to be defective. User shall determine the suitability of the product for the intended use, and user assumes all risk and liability whatsoever in connection herewith. Seller shall not be liable for any direct, consequential, or incidental loss or damage. Conditions not specifically stated herein shall be governed by established trade customs. 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.



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