

- Suitable for 8mbps/768 kbps
- ADSL/RADSL applications
- Central Office or Remote applications
- Designed to meet IEC-950 1500 Vrms isolation and insulation requirements
- Surface Mount models available
- Meets ANSI T1.413/1995, and ANSI T1.601 for Bellcore Loops
- ISO 9001 Certified Supplier
- Agency approvals are pending UL94V-0 materials
- Designed to optimize performance with the ADI AD20msp910/918 chipset/AD816 Line Driver

## Specifications

Schott P/N	OCL +/- 5%	Turns Ratio Chip:Line +/- 2%	Leakage uH Max	IWC Pf Max	DCR Chip Max Ohms	DCR Line Max Ohms	Dielectric Strength Vrms Min	Config / Schematic	App
34714	5.00	1:1	15	45	2.80	2.80	1500	EP13 THD	CO/CP
32502	5.00	1:1	15	45	2.80	2.80	1500	EP13 SMD	CO/CP

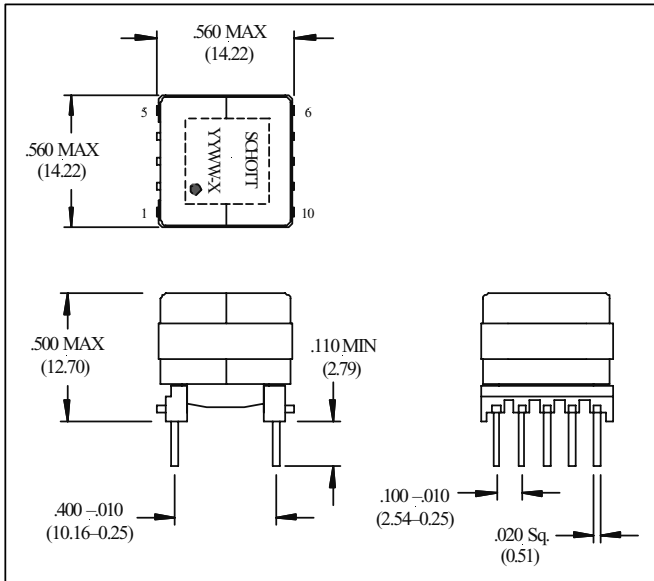
Parts availability subject to Schott manufacturing schedules and leadtimes. Not all parts available from stock. Please contact us for more details and availability. The Adobe Acrobat Reader is required to view these linked documents.

### Electrical Specifications Test Criteria

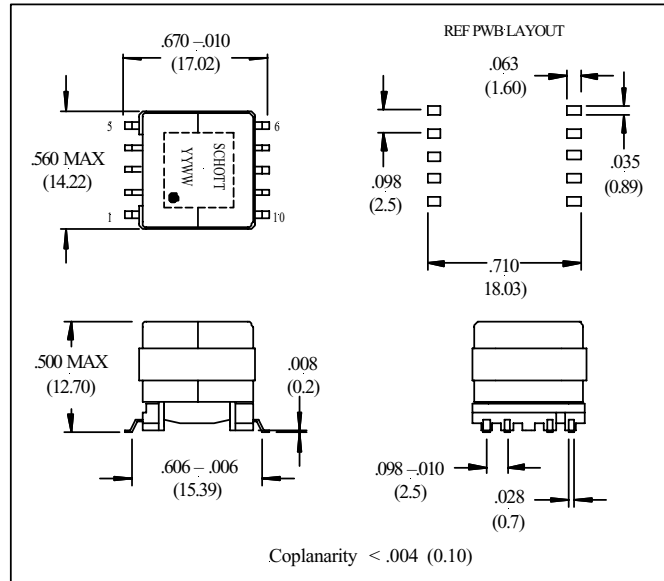
1. These transformers are designed for operating within a temperature range of -40° to +85°.
2. Inductance is measured at 10 kHz, 0.1Vrms, leakage inductance at 100kHz, 0.1 Vrms
3. Longitudinal balance @ 100kHz, (1-4), 100 ohm input = 50dB min.
4. Harmonic Distortion @ 100kHz, 4.0V, (1-4), 100 ohm input = -80dB max.
5. Return loss @ 30 kHz-1.1MHz is 15dB min.
6. Insertion loss @ 100 kHz is < 0.5db.
7. Frequency response +/- 0.5dB max from 30kHz to 1.1 MHz.
8. Surge Voltage capability: Metallic 800V peak 10/560 usec. longitudinal: 2400V peak 10/700 usec.

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.

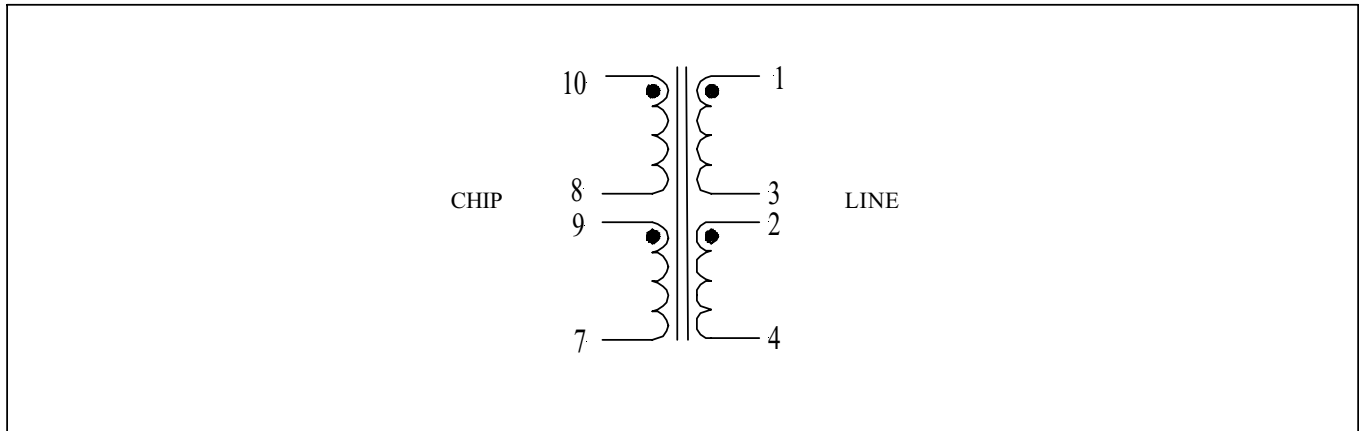
## EP 13 THD



## EP 13 SMD



## SCHEMATIC



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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