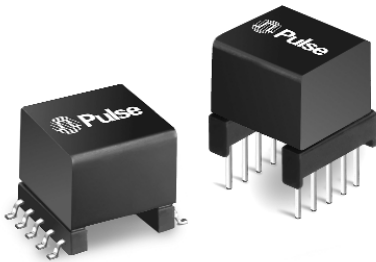


# SHDSL LINE TRANSFORMERS

## For use with Infineon Chipset



- Matched to Infineon PEF24624, Socrates Bis 16 Chipset
- Excellent THD performance with bias current
- Designed to meet UL, CSA and EN60950 requirements for supplementary insulation and 250V working voltage

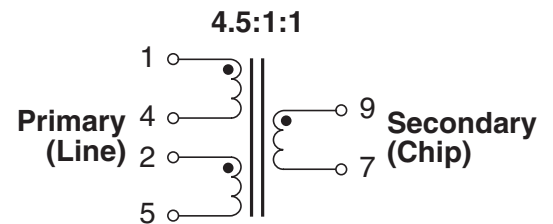
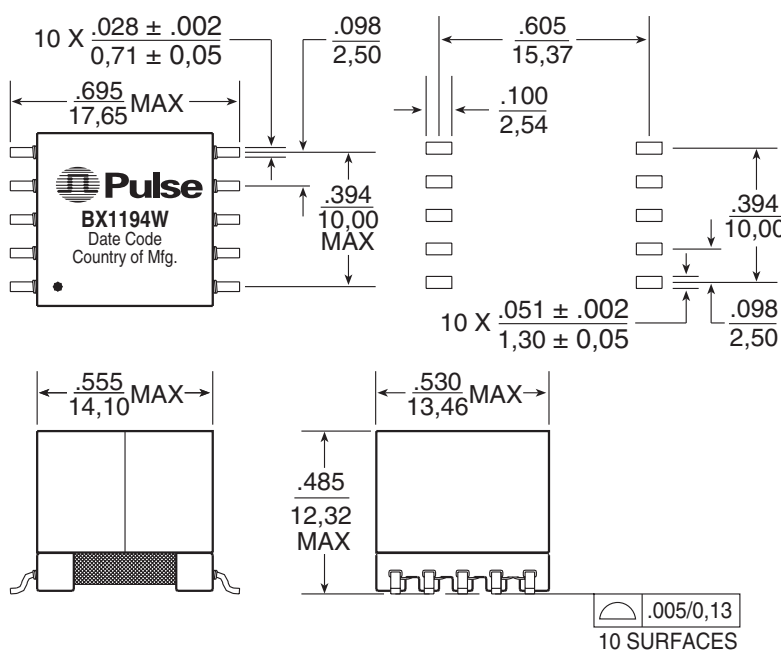
### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Part Number	OCL Line (mH ±6%)	Turns Ratio (line:chip) (line:sense)	Isolation Voltage (Vrms)	THD @ 3kHz 1Vrms, 35mA (dB MIN)
BX1194W	3.0	4.5:1	1500	-76

### Mechanical

### Schematic

#### BX1194W



Weight .....6.2 grams  
Tape & Reel .....150/reel  
Tray/Tube .....60/tray

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
Unless otherwise specified, all tolerances are  $\pm \frac{.010}{.025}$

### For More Information:

#### Pulse Worldwide Headquarters

12220 World Trade Dr.  
San Diego, CA 92128  
U.S.A.  
[www.pulseeng.com](http://www.pulseeng.com)

Tel: 858 674 8100  
Fax: 858 674 8262

#### Pulse Europe

Einsteinstrasse 1  
D-71083 Herrenberg  
Germany

Tel: 49 7032 7806 0  
Fax: 49 7032 7806 12

#### Pulse China Headquarters

B402, Shenzhen  
Tech-Innovation International  
Tenth Kejinan Rd.  
High-Tech Industrial Park  
Nanshan District, Shenzhen  
China

Tel: 86 755 33966678  
Fax: 86 755 33966700

#### Pulse North China

Room 1503  
XinYin Building  
No. 888 YiShan Rd.  
Shanghai 200233  
China

Tel: 86 21 54643211/2  
Fax: 86 21 54643210

#### Pulse South Asia

150 Kampong Ampat  
#07-01/02  
KA Centre  
Singapore 368324

Tel: 65 6287 8998  
Fax: 65 6280 0080

#### Pulse North Asia

No. 26  
Kao Ching Rd.  
Yang Mei Chen  
Tao Yuan Hsien  
Taiwan, R. O. C.

Tel: 886 3 4641811  
Fax: 886 3 4641911

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names may be trademarks or registered trademarks of their respective owners. © Copyright, 2007. Pulse Engineering, Inc. All rights reserved.