

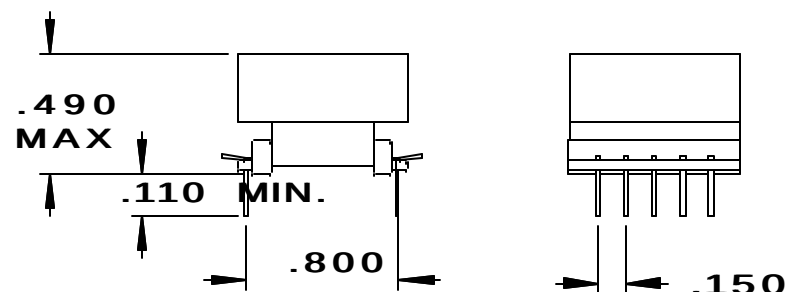
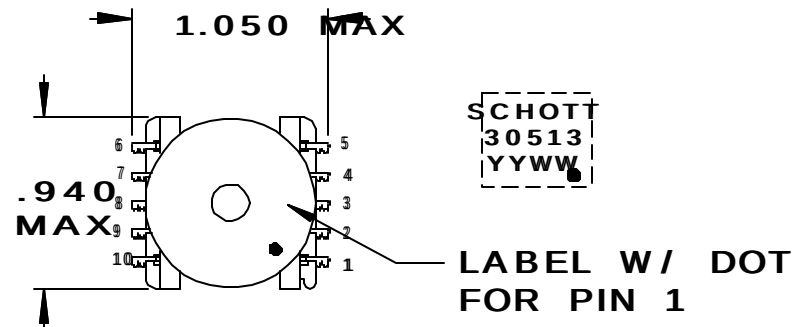
**TITLE**  
**TRANSFORMER**  
**HDSL, 784 Kbps, 3.0 mHy,**

**SCHOTT**  
1000 PARKERS LAKE ROAD  
CORPORATION MINNEAPOLIS, MN 55391

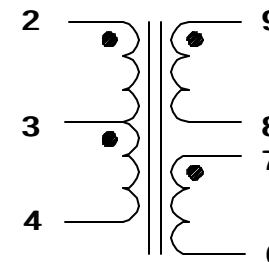
**PART NUMBER** **30513**  
**REV** **A** **PAGE** **1** **END**

## SPECIFICATIONS

1. **INDUCTANCE: @ 0.1 V, 10 KHz**  
**7 - 6 - 9 - 8 = 3.0 mHY  $\pm$  5%**
2. **LEAKAGE INDUCTANCE: @ 100 KHz**  
**2 - 4 W/ 7 - 6 - 9 - 8 shorted = 16  $\mu$ Hy MAX**
3. **INTERWINDING CAPACITANCE: @ 100 KHz**  
**2 - 4 TO 7 - 6 - 9 - 8 = 240 pF MAX**
4. **DC RESISTANCE: 2 - 4 = 2.2  $\bullet$  MAX**  
**7 - 6, 9 - 8 = 2.2  $\bullet$  MAX**
5. **TURNS RATIO: 2 - 4 : 7 - 6 : 9 - 8**  
**= 1CT : 1 : 1  $\pm$  2%**
6. **LONGITUDINAL BALANCE: 7 - 6 - 9 - 8**  
**@ 200 KHz, = 55 dB MIN**
7. **HARMONIC DISTORTION: 6 - 7 - 8 - 9 @**  
**135  $\bullet$ , 200 KHz = 75 dB MIN**
8. **DIELECTRIC STRENGTH: 1500 VAC**



**PINS:**  
**.028 X .045 MAX**



| TOLERANCES             | 2 PLACE | 3 PLACE | ANGLE |
|------------------------|---------|---------|-------|
| UNLESS OTHERWISE NOTED | + -     | + -     | + °   |