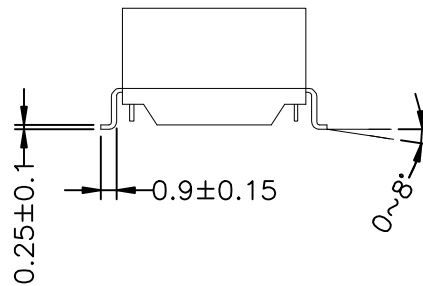


SUGGESTED PAD LAYOUT



ELECTRICAL CHARACTERISTICS@25°C

1. OCL : (@100kHz, 0.1V) : 350uH MIN.
2. LEAKAGE INDUCTANCE : (@100kHz, 0.1V) : 0.5uH MAX.
3. DCR : 1.0Ω MAX.
4. TURNS RATIO : 1CT : 1CT ±5%
5. INSERTION LOSS : (@1-150MHz) : -1.5dB MAX.
6. RETURN LOSS : PHY SIDE TO LINE SIDE (ON LOAD 100Ω)
 - (@1-30MHz) : -20dB MIN.
 - (@30-60MHz) : -16dB MIN.
 - (@60-80MHz) : -14dB MIN.
 - (@80-100MHz) : -10dB MIN.
 - (@100-125MHz) : -9dB MIN.
 - (@125-150MHz) : -8dB MIN.
7. CROSS TALK : (@1-150MHz) : -30dB MIN.
8. COMMON MODE REJECTION : (@1-150MHz) : -30dB MIN.
9. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
10. OPERATING TEMPERATURE : 0°C TO +70°C
11. STORAGE TEMPERATURE : -25°C TO +125°C
12. RoHS COMPLIANT

							TITLE	
							2.5G BASE-T TRANSFORMER	
							DWG. NO.	
							ATPL-480R	
RELEASE		06/05/2015	SHIRLEY	BETTY	BETTY	UNITS:	SAFETY	
						M/M		
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	SHEET 1 of 2
REVISIONS						06/05/15	DRAW SHIRLEY	

