



UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.25

ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : TX = 1CT : 1CT ± 5%  
RX = 1CT : 1CT ± 5%
2. INSERTION LOSS : 1-100MHZ = -1.0dB MAX.
3. CROSS TALK : 30MHz = -40dB MIN.  
60MHz = -35dB MIN.  
100MHz = -30dB MIN.
4. RETURN LOSS :(@LOAD100 Ω)  
1-30MHz= -18dB MIN.  
40MHz= -14.4dB MIN.  
50MHz= -13.1dB MIN.  
60-80MHz = -12dB MIN.  
100MHz = -10dB MIN.
5. DCMRR : 30MHz = -40dB MIN.  
60MHz = -35dB MIN.  
100MHz = -30dB MIN.
6. HI-POT : 1500Vrms
7. RoHS COMPLIANT

							TITLE: 1000 BASE-T QUAD PORT TRANSFORMER MODULE DWG. NO. ATPL-382R	
							UNITS: M/M	
REVISIONS					DATE: 09/01/10		SHEET 1 of 1	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	P/N:		DRAW
								SHIRLEY