


### ELECTRICAL CHARACTERISTICS : (H0009 COMPATIBLE)

- DCR : PIN 1-2 = PIN 9-10 = 1.15 OHM  $\pm$  20%  
PIN 7-8 = PIN 15-16 = 0.74 OHM  $\pm$  20%
- TURNS RATIO : TX = 1 : 1, RX = 1 : 1
- DCL : (<math>@100\text{KHZ}</math>, 0.1Vrms, W/H 8mA DC) PIN 16-15 = 7-8 = 350uH MIN.
- INSERTION LOSS : (<math>@0.1\text{M}-100\text{MHZ}</math>) -1.3dB MAX.
- RETURN LOSS : @30MHZ = -16dB MAX.  
@60MHZ = -12dB MAX.  
@80MHZ = -11dB MAX.
- CMRR : @30MHZ = -15dB MAX.  
@50MHZ = -18dB MAX.  
@100MHZ = -20dB MAX.  
@150MHZ = -20dB MAX.
- CROSSTALK : @30MHZ = -40dB MAX.  
@62MHZ = -40dB MAX.  
@100MHZ = -35dB MAX.
- HI-POT : 1500Vrms

C	ADD DCR	10/05/2001	DOLLY	AL	SUEDY	 <b>Atech</b> <sup>®</sup> Atech Technology Co., Ltd. TEL:(02)2794-6667 FAX:(02)2794-8004	TITLE 10/100 BASE-T TRANSFORMER
B	MANY	04/21/2000	RORY		SUEDY		DWG. NO. ATPL-074
A	I.L. = -1.9dB	12/06/1999	CWFENG		SUEDY		
	RELEASE	06/14/99	PAIR		SUEDY	UNITS: M/M	SAFETY
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE	SHEET 1 OF 1
REVISIONS						06/14/99	DRAW <i>Pair</i>