



NO:RD-HF-SD011D  
 DATE:2005/9/20 I (REV:A1)

# 10/100 BASE-TX DUAL DIP TRANSFORMER

## MODEL NO : HF-011D

### FEATURE:

RoHS Compliant

Specifications : AT 25

Operating temp. : -40 ~ +85

OCL (uH Min) 350uH Min @100Khz , 100mV 8mA

Cww (pF Max) 25 100KHz 100mV

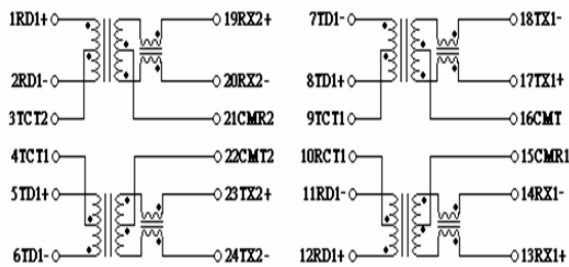
LL (uH Max) 0.30 100KHz 100mV

Part Number	Transformer Turns ratio ( $\pm 2\%$ )		Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP)				Return loss 5 to 100 Mhz (dB MIN)		Common Mode Rejection (dB MIN)		Hipot VAC
	Receive	Transmit		1MHz	30MHz	60MHz	100MHz	1-60MHz	60-100MHz	1-60	60-100	
HF-011D	1:1	1CT:1CT	-5	-65	-55	-45	-35	-15	-12	-40	-30	1500

### SCHEMATICS:

### DIMENSION: mm

TOLERANCE:  $\pm 0.25(0.010)$



1:1 1CT:1CT

