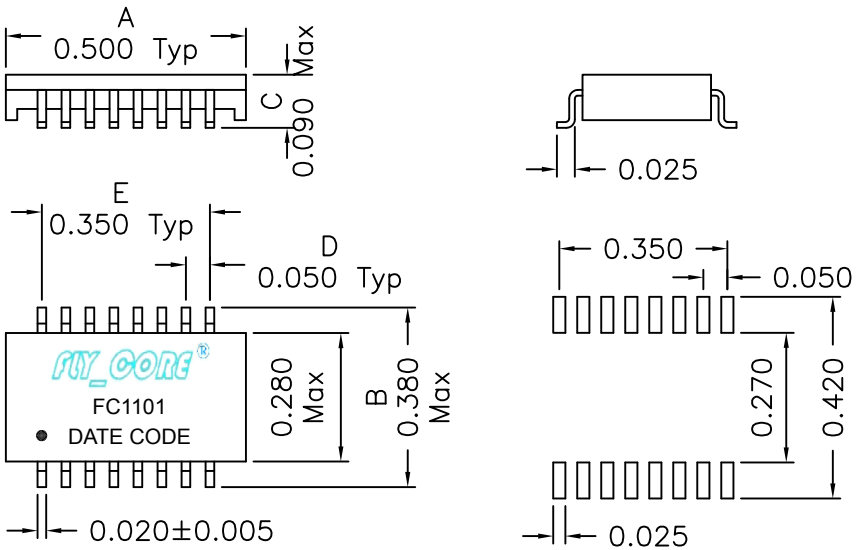
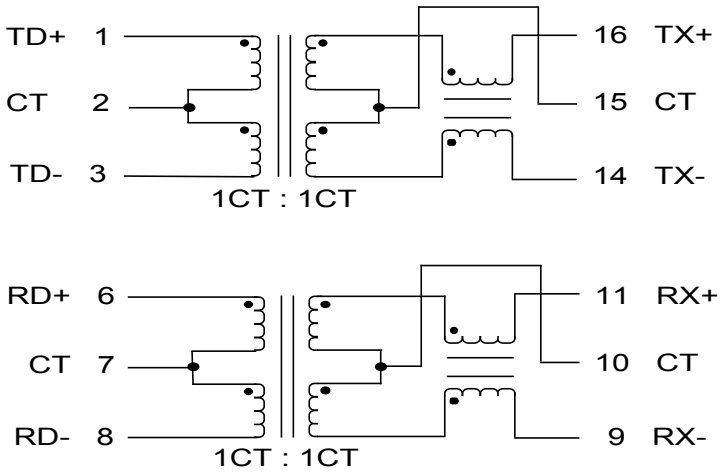
FC1101

1 MECHANICAL



2 Schematics



REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
A	FIRST RELEASE		2012-05-10

RoHS

ELECTRICAL SPECFICATIONS@25℃:

TURN RATIO(±2%): 1CT:1CT

INDUCTANCE(100KHz/100mV@8mA): 350uH MIN

Insertion Loss(dB MAX): -1.2dB(1-100MHz)

Return Loss(dB MIN):

-16dB(1-30MHz), -14dB(40MHz), -13dB(50MHz), -12dB(60-80MHz)

Crosstalk(dB MIN): -45dB(30MHz), -40dB(60MHz), -35dB(100MHz)

DCMR(dB MIN): -43dB(30MHz), -37dB(60MHz), -33dB(100MHz)

DC RESISTANCE BALANCE:≤3.5%

HI-POT:1500Vrms/0.5mA/2Sec

OPERATING TEMPERATURE:-40℃ TO +85℃

RoHS compliance:YES

old No.
original No.
date / sign

上海飞芯电子科技有限公司			TITLE: 10/100BASE-TX Magnetics Modules	
APPROVALS		Date	Page	PART NO: FC1101
DRAWN BY:	Tom	2012-5-15	1	
PROJ. ENG:	Alan	2012-5-15		
			Total	REV:A / DWG NO:
APPROVED BY:	Pul	2012-5-16	1	