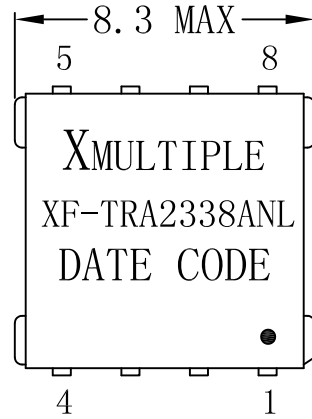
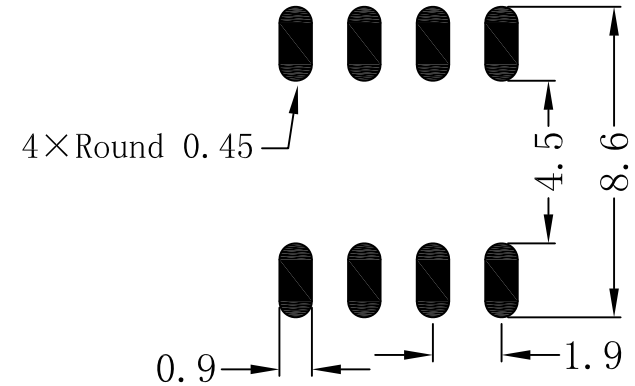


Mechanical:

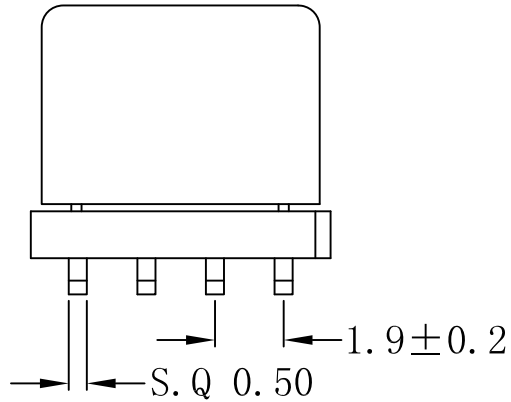
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2012/06/05	



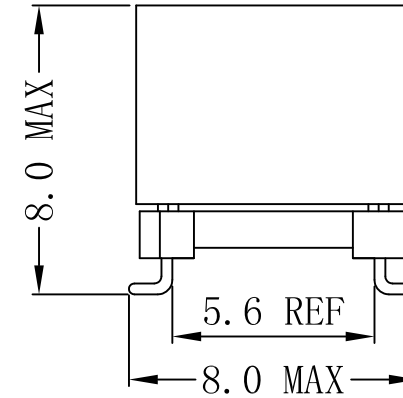
TOP VIEW



SUGGESTED P. C. B LAYOUT



FRONT VIEW



SIDE VIEW

NOTES:

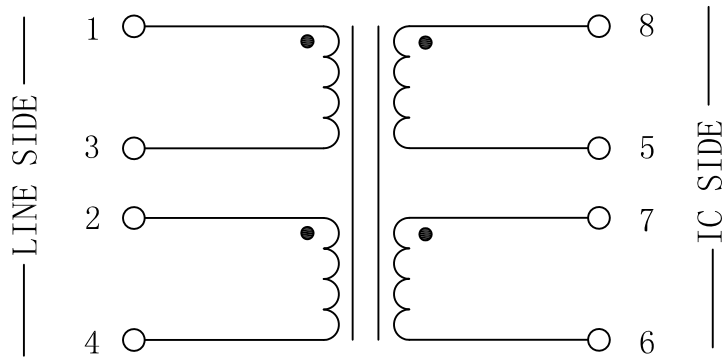
1. ADSL2+ CO Transformer, 430uH, 1 : 1, Functional For Broadcom's ADSL2+ CO Chipset
2. Assembly must be RoHS compliant.
3. RoHS "NL" peak solder rating 260°C.



X:X	±0.30	APPD:	X MULTIPLE	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: C. H. Y	TITLE: TRANSFORMER	
ANGLES	±1°	UNIT: mm	PART NO.: XF-TRA2338ANL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: TRC12060516

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2012/06/05	



ELECTRICAL:

- Turns Ratio(@10KHz, 100mVAC):
PIN(1-4) : (8-6) = 1 : 1 \pm 2%(tie 2-3, 7-5)
- Inductance:
1-4=430uH \pm 10%, @10KHz, 100mV (tie 2-3);
- Leakage Inductance:
1-4=4.0uH MAX, @10KHz, 100mV (tie 2-3, 5-6-7-8);
- DC Resistance:
1-4=1.75 Ω MAX, @25°C (tie 2-3);
8-6=1.75 Ω MAX, @25°C (tie 7-5);
- Interwinding Capacitance:
1-8=50pF MAX, @100KHz, 100mV (tie 2-3, 7-5)
- Longitudinal Balance:
55dB MIN. (1-4) : (8-6) (tie2-3, 7-5), 2.2MHz
- T. H. D:
-77dB TYP. (1-4) : (8-6) (tie2-3, 7-5), 30KHz 3V
- Hipot:
1875Vac, 1S, 500uA MAX, PIN(1-8) (tie2-3, 7-5);
- Operating Temperature: -40°C ~ +85°C



X:X	\pm 0.30	APPD:	X MULTIPLE
X:XX	\pm 0.25	CHKD:	
X:XXX	\pm 0.05	DR: C. H. Y	
ANGLES	\pm 1°	UNIT: mm	TITLE: TRANSFORMER
			PART NO.: XF-TRA2338ANL
	SCALE: 2/1	SHEET: 2/2	REV: A
			DWG NO.: TRC12060516