



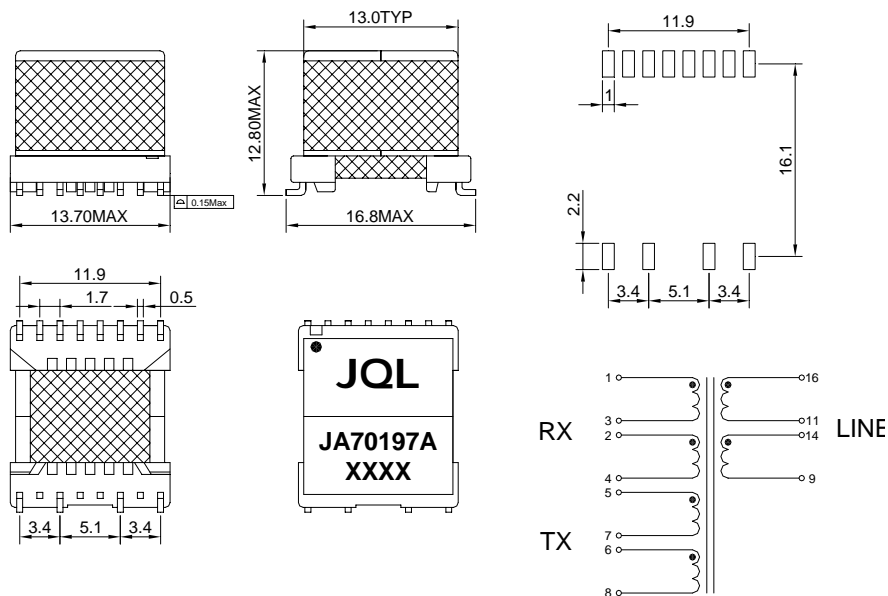
**A. General Specifications**

1.ADSL line Transformer For Broadcom Project (CPE SMD EP13)

**B. Electrical Specifications@25°C(Operating Temperature:-40°C~85°C)**

HP:	(PRI to SEC):	3.0KVrms 1mA 1Sec	
T/R:	(16-9:5-8)tie11+14,7+6:	4. 25:1±2%	
	(16-9:1-4) tie11+14,3+2:	1:1±3%	
OCL:	(16-9)tie11+14:	1.65mH ±5%	@ 10KHz 100mV
LL:	(5-8)tie6+7,16+11+14+9,1+2+3+4:	3.0uH Max	@ 100KHz 100mV
	(1-4)tie2+3,16+11+14+9,5+6+7+8:	25uH Max	@ 100KHz 100mV
	(16-9)tie11+14,1+2+3+4,5+6+7+8:	25uH Max	@ 100KHz 100mV
CWW:	(16+11+14+9)TO (1+3+2+4):	15pF Max	@ 100KHz 100mV
	(16+11+14+9)TO (5+7+6+8):	25pF Max	@ 100KHz 100mV
	(1+3+2+4)TO (5+7+6+8):	30pF Max	@ 100KHz 100mV
DCR:	(16-9)tie14+11 :	1.8Ω Max	
	(1-3)=(2-4):	1.2Ω Max	
	(5-7)=(6-8):	0.3Ω Max	
THD:		-90dB Max	@20KHz 5.3V
LB:	(16-9)tie11+14	-55dB Min	@35KHz – 650KHz

**C. Schematic & Mechanical :**



DIMENSIONS:mm  
Unless otherwise specified,all tolerances are±0.25

**D. PAKING :**