

## 10/100 Base-TX Single port LAN Transformer Module MODEL NO:HA1201S



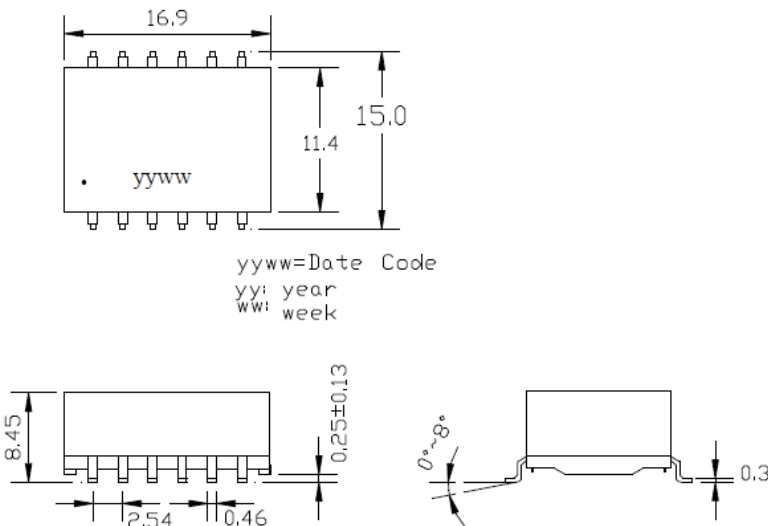
### Feature:

Meets all IEEE 802.3at Standards  
 SMD Environmental: Designed to meet IR 235°C 1 minute  
 Primary inductance(Lp):350  $\mu$  H Min (100KHz ,100mV ,24mA )  
 Storage Temprange:-25°C To +125°C  
 POE applications current capability:720mA HI-POT:1500VAC  
 1mA 1Sec

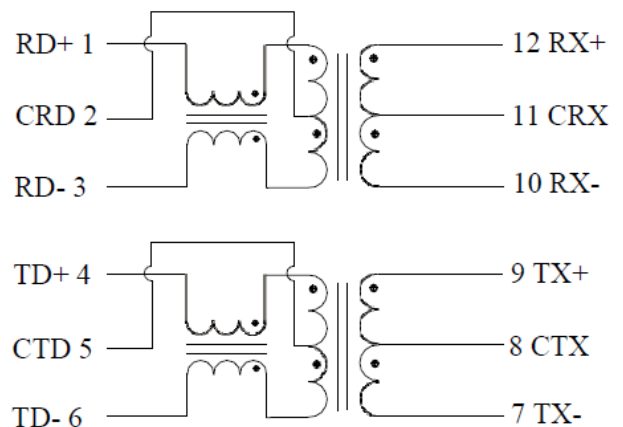
### Electrical Specifications at 25°C – Operating Temprange: 0°C To +70°C

Part Number	Transformer Turns ratio ( $\pm 2\%$ )		Insertion Loss (dB TYP) 0.5~100MHz	Crosstalk (dB TYP) 10~100(MHz)	Return loss (dB TYP) 0.5-30/30-45/45-60/60-80(MHz)	DCMR (dB TYP) 0.5~ 100(MHz)
	Receive	Transmit				
HA1201S	1:1	1CT:1CT	-1.0	-35	-18/ -15/ -13/ -10	-33

### Dimension : mm



### Schematics :



Data sheet subject to change without notice Unless otherwise specified,all tolerance are  $\pm 0.25$ mm