

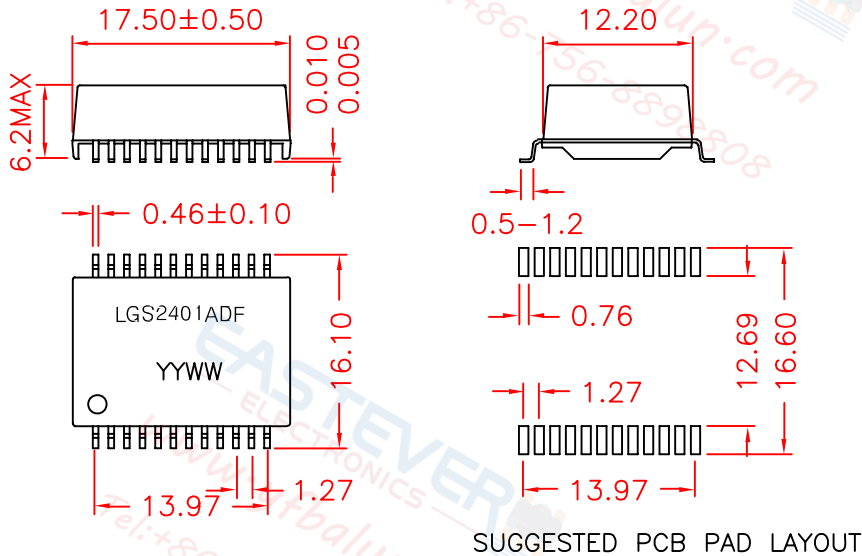
## 100/1000 BASE-TX Single Port Magnetic Module



### Electrical Specifications: @25°C

Turns Ratio: PRI/SEC 1CT: 1CT  $\pm 5\%$   
 Isolation Voltage: 1500 Vrms 3sec (input to Output)  
 OCL: 350uH Minimum @100KHZ 100mv 8mADC Bias  
 Leakage Inductance: 0.5uH Maximum @100KHZ 100mV PRI Shorted  
 PRI/SEC CW/W: 50pF Typical @100KHZ 100mv  
 DCR: 1.40 Ohms Max  
 Insertion Loss: -1.0dB Maximum @100KHz-100MHz  
 Return Loss: -18dB Minimum @1MHz-30MHz  
                   -15dB Minimum @40MHz-50MHz  
                   -12dB Minimum @60MHz-80MHz  
 CMRR: -40dB Typical @100KHz -100MHz  
 Crosstalk: -32 dB Minimum @100KHz -100MHz  
 Operating temperature range: 0°C to +70°C

### Mechanicals:



### Schematics:

