

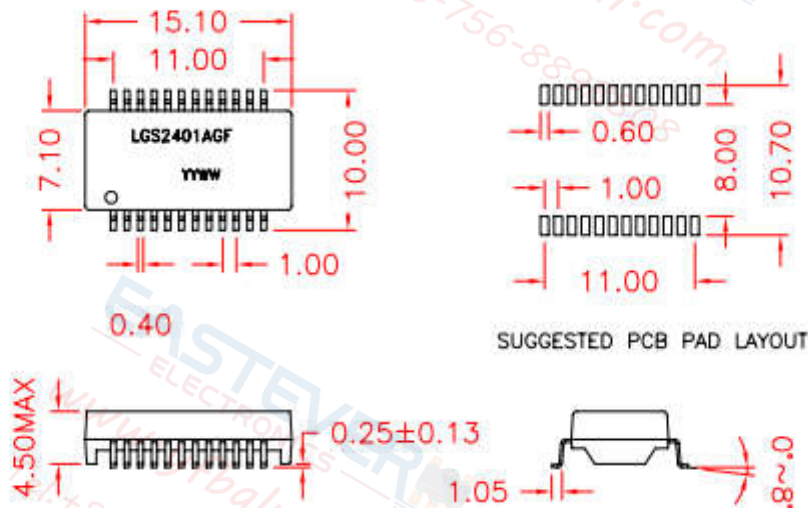
100/1000 BASE-TX Single Port Magnetic Module



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
- LL: 0.40uH Maximum @100KHZ 100mV
- CW/W: 35pF Typical @100KHZ 100mv
- DCR: 1.30 Ohms Max
- Insertion Loss: -1.1dB Maximum @1MHz-100MHz
- Return Loss: -16dB Minimum @30MHz / -14dB Minimum @40MHz
 -13.5dB Minimum @50MHz / -13dB Minimum @60MHz
 -12dB Minimum @80MHz
- Crosstalk: -45 dB Minimum @0.3 -100MHz / -35dB Minimum @60-100MHz
- Differential to Common Mode Rejection:
 -40dB Min @30MHz / -30dB Min @60MHz / -25dB Min @100MHz
- Operating temperature range: -40°C to +85°C

Mechanicals:



Schematics:

