

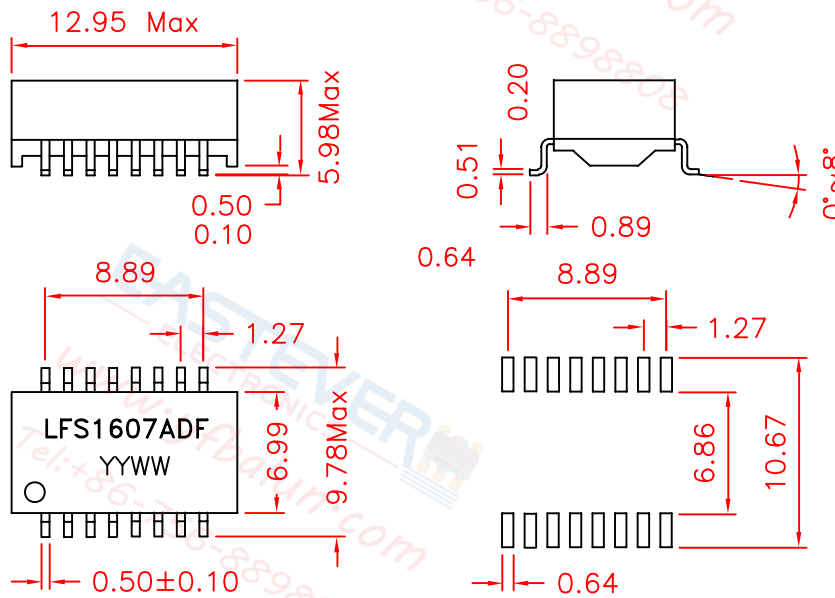
10/100 BASE-TX Single Port Magnetic Module



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: 1.20 Ohms Max
 Insertion Loss: -18dB Minimum @1MHz-30MHz
 -15dB Minimum @40MHz-50MHz
 -12dB Minimum @60MHz-80MHz
 CMRR: -40dB Minimum @100KHz -100MHz
 Crosstalk: -32 dB Minimum @100KHz -100MHz
 Operating temperature range: 0°C to +70°C

Mechanicals:



SUGGESTED PCB PAD LAYOUT

Schematics:

