

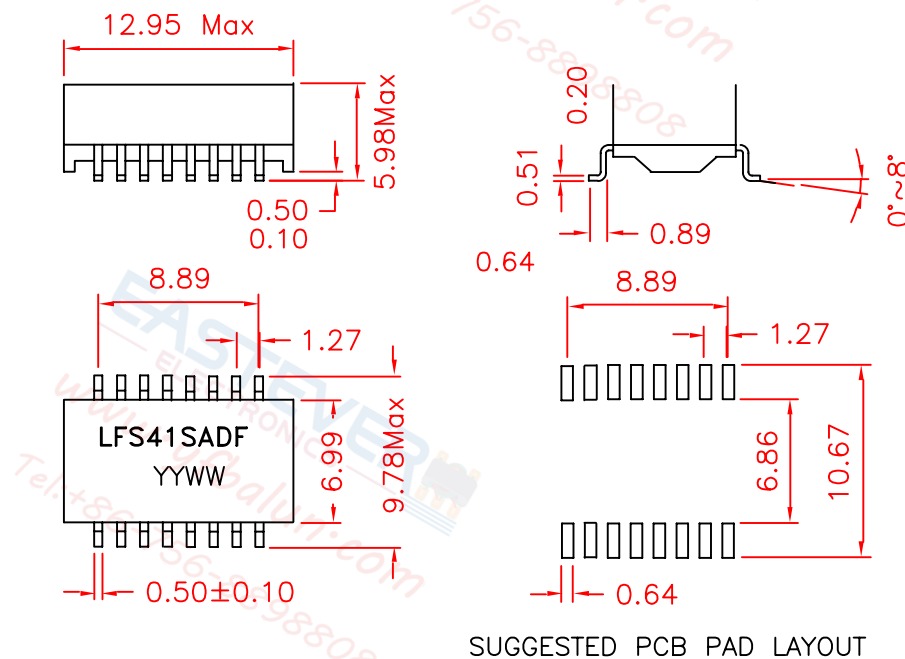
10/100BASE—TX Single Port
 SOIC 16PIN's Magnetic Modules
 RoHS Compliant at Peak Reflow Solder Temperature rating 240°C



Electrical Specifications: @25°C

Turns Ratio: PRI/SEC 1CT:1CT $\pm 5\%$
 Isolation Voltage: 1500 Vrms (Input to Output) 3S
 OCL: 350uH Minimum @100KHz 100mV 8mADC
 LL: 0.40uH Maximum @100KHz 100mV
 CW/W: 20pF Maximum @100KHz 100mV
 DCR: 1.2 Ohms Maximum
 Insertion Loss: -1.10dB Maximum @1MHz ~ 100MHz
 Return Loss: -16dB Minimum @30MHz / -14dB Minimum @40MHz
 -13.5dB Minimum @50MHz / -13dB Minimum @60MHz
 -12dB Minimum @80MHz
 Crosstalk: -45dB Min @0.3~60MHz / -35dB Min @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:

