

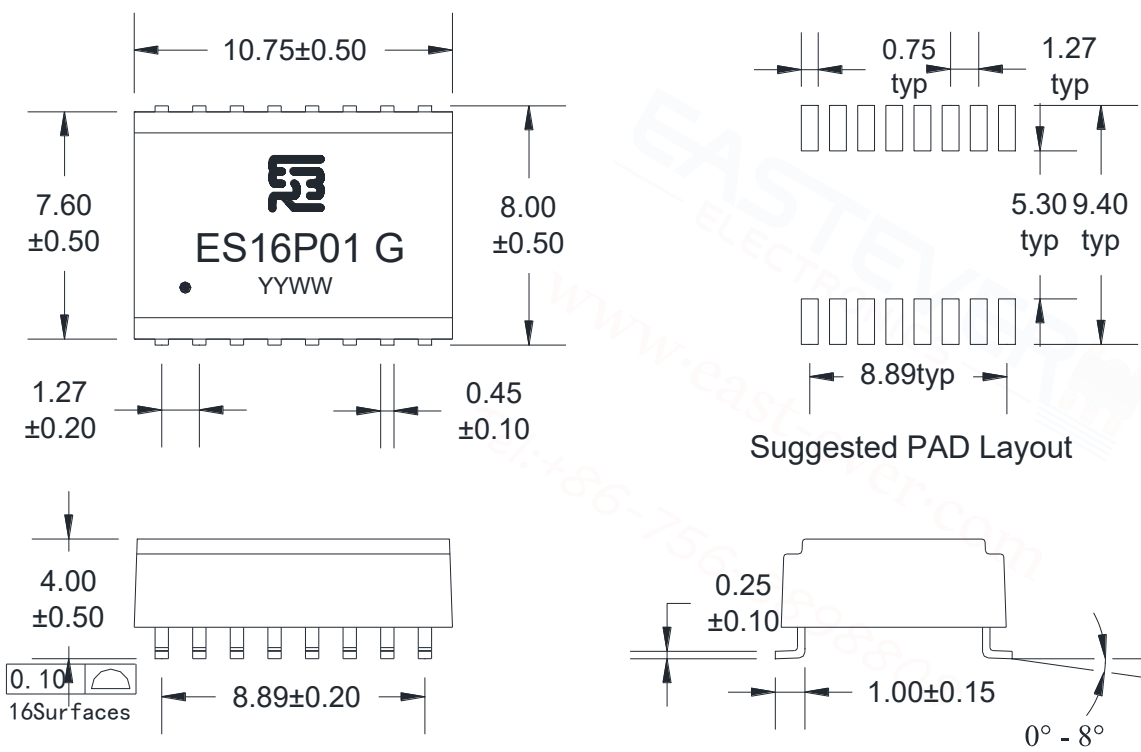
LAN Transformer



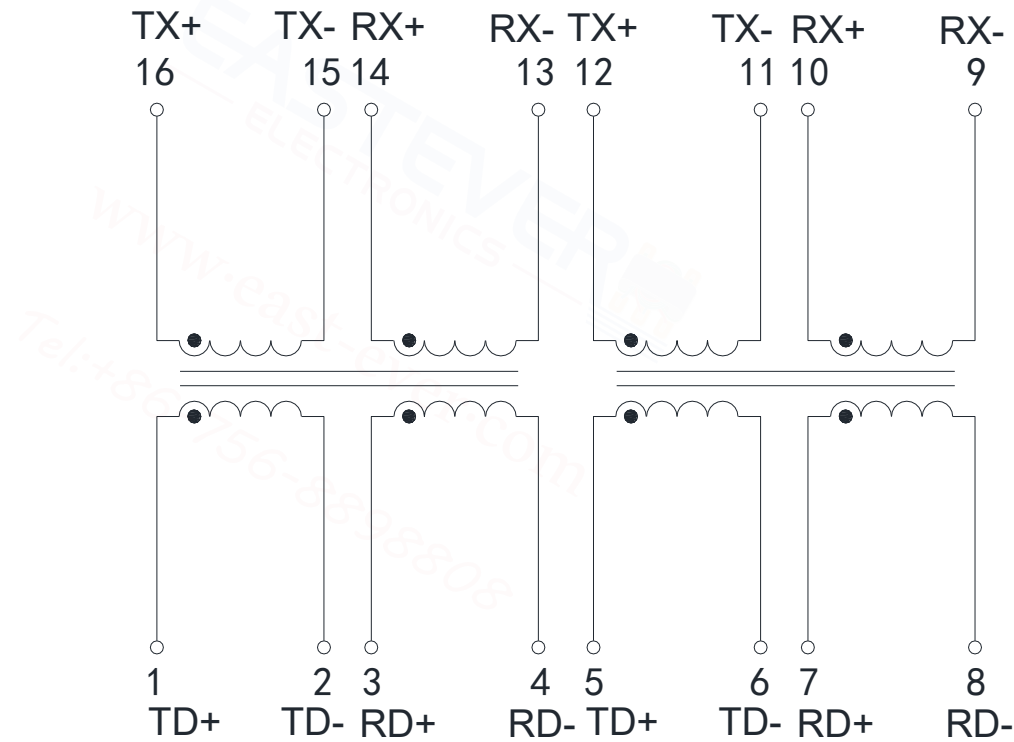
10/100 BASE-TX ES16P01G

REV: 0

A. MECHANICAL(unit:mm)



B. SCHEMATICS



LAN SFP Transformer



10/100 BASE-TX ES16P01G

REV: 0

C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: @ 100KHz, 0.1V

(1-4), (5-8): 54 uH Min

(9-10), (13-14): 54 uH Min

(11-12), (15-16): 6 uH Min

2. Leakage Inductance: 0.5 uH Max @ 100KHz, 0.1V

[1-4(2-3,16-13,15-14shorted)]; [5-8(6-7,12-9,11-10shorted)]

3. DCR:

(11-12), (15-16): 80mΩ Max

(9-10), (13-14): 300mΩ Max

(1-4,2-3shorted), (5-8,6-7shorted) : 300mΩ Max

4. Turns Ratio: @ 100KHz, 1V

(15-16):(1-4):(13-14)=1CT:3CT:3CT±5%

(11-12):(5-8):(9-10)=1CT:3CT:3CT±5%

5. Insertion Loss: -0.5 dB Max @ 1-30 MHz

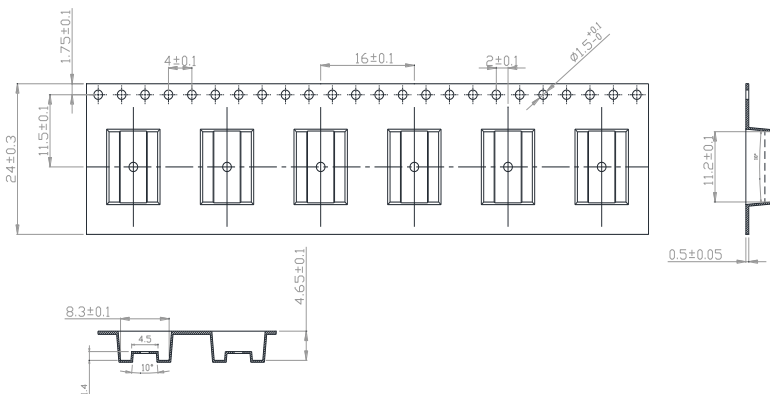
-1.0 dB Max @ 30-80 MHz

6. Isolation Hipot: 1500VAC 1mA 60S

7. Operating temperature -40°C to +85°C

8. Storage temperature -40°C to +85°C

D. PACKAGE INFORMATION



Package Quantity:

One Reel=800Pcs

One Inner Carton=800*3=2400Pcs

One Export Carton=2400*2=4800Pcs

