

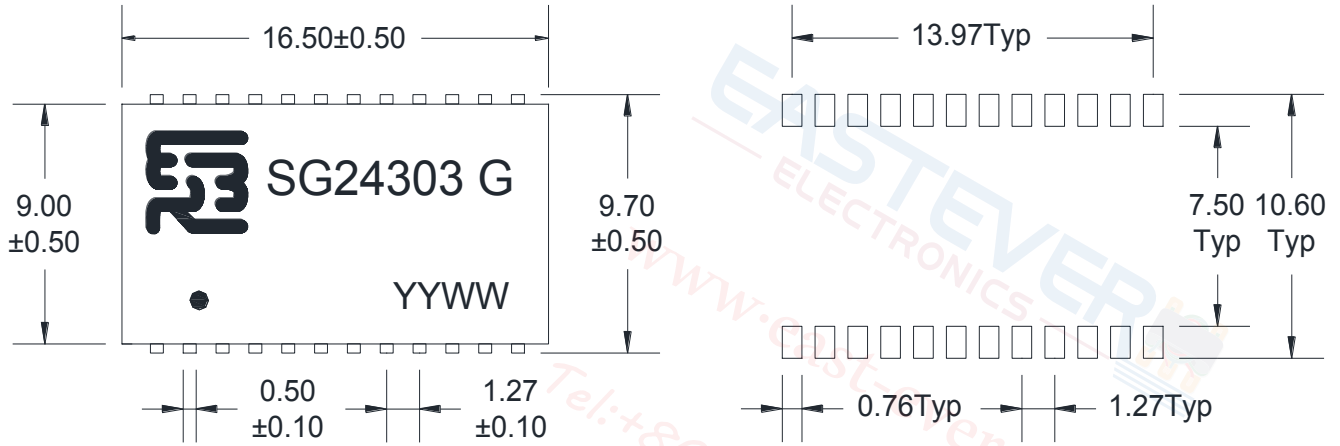
LAN Transformer



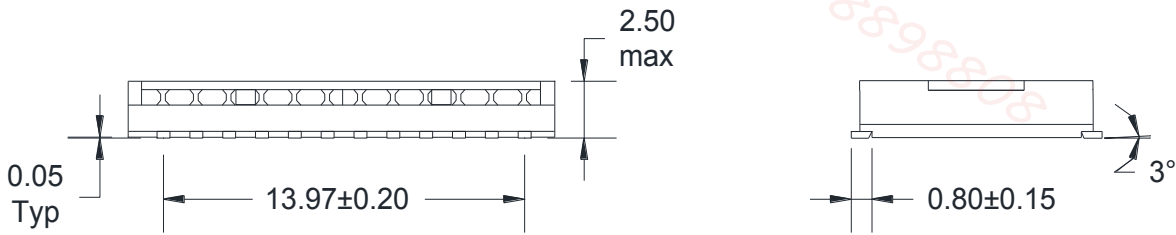
100/1000 BASE-T SG24303G

REV: 0

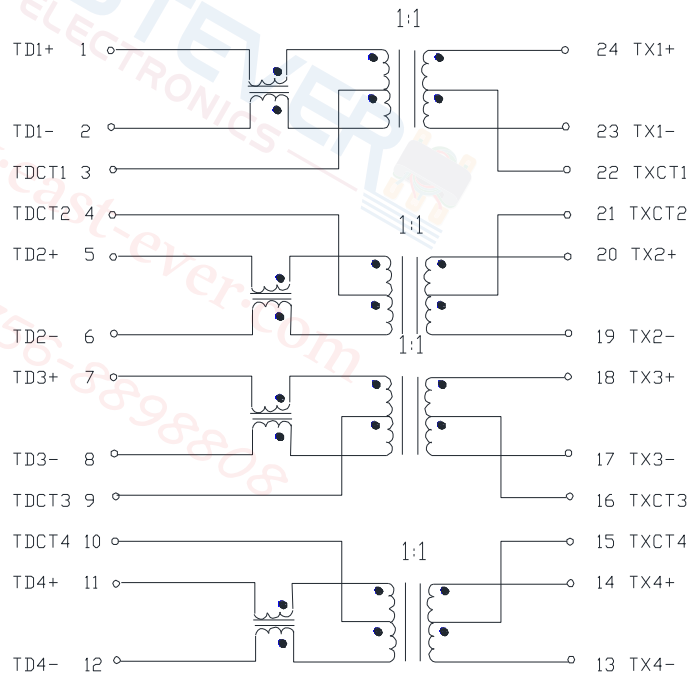
A. MECHANICAL(unit:mm)



SUGGESTED PAD LAYOUT



B. SCHEMATICS



Balun Transformer | Coupler | Divider | Inductor | Choke | 9\X | Air Coil | LAN Transformer

ZhuHai Eastever Electronic Co.,Ltd | No.265 Chang Ping Road,GongBei ,ZhuHai,China | www.east-ever.com | james@yfbalun.com | Tel:" 86-756-8898808

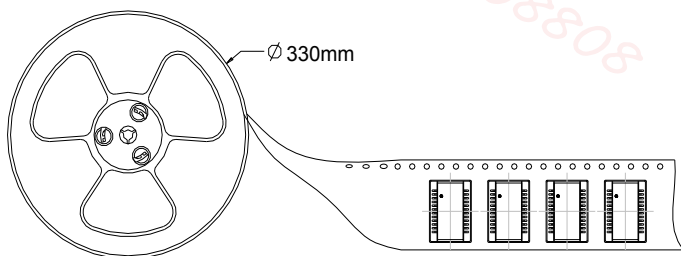
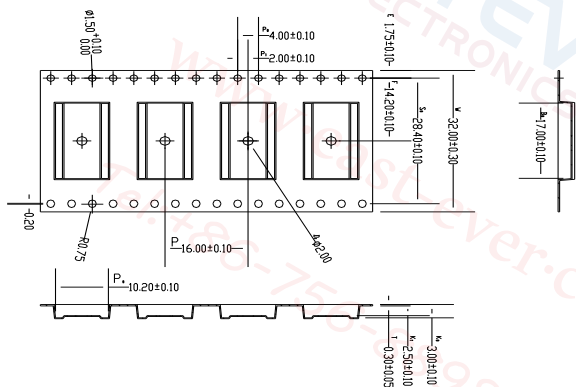
100/1000 BASE-T SG24303G

REV: 0

C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 350uH Min @ 100KHz, 0.1V 8mA DC BIAS
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR : 1400mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.10dB Max @ 1-100 MHz
6. Return Loss: -18.0dB Min @ 1-30 MHz -14.4 dB Min @ 40 MHz
 -13.1 dB Min @ 50 MHz -12.0dB Min @ 60-80 MHz
 -10.0 dB Min @ 100 MHz
7. Cross Talk: -30 dB Min @ 1-100 MHz
8. Common Mode Rejection: -30 dB Min @ 1-100 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature 0°C to +70°C
11. Storage temperature -25°C to +125°C.

D. PACKAGE INFORMATION



Package Quantity:

One Reel=1500Pcs

One Inner Carton=1500*2=3000Pcs

One Export Carton=3000*2=6000Pcs