



Yx-TEK
亚湘科技

APPROVED SHEET

CUSTOMER: _____

CUSTOMER P/N: _____

P/N: SMD4803G

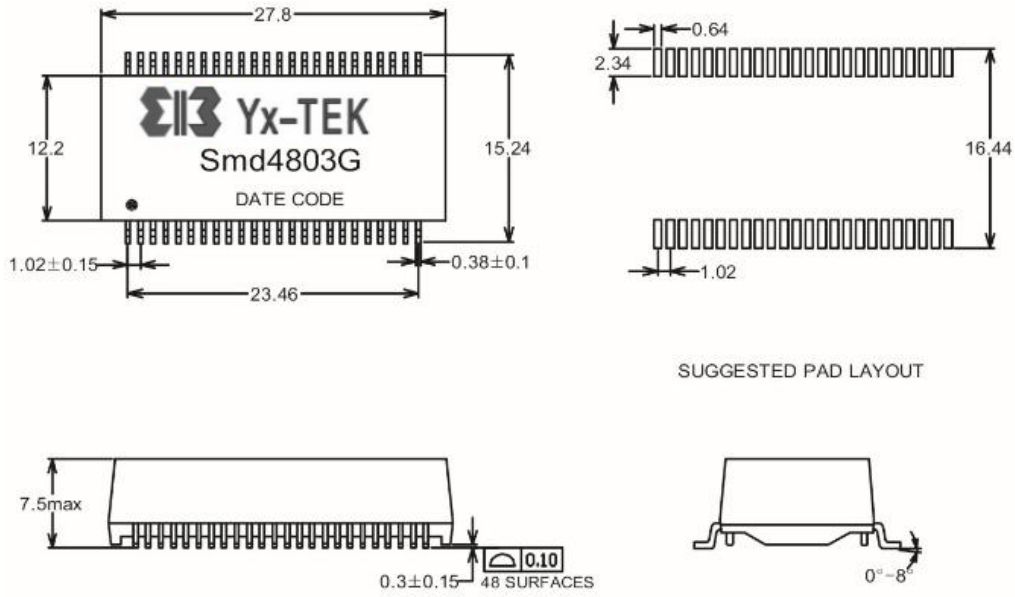
REV: R0

DESCRIPTION: 10/100/1000 BASE-TX

| CUSTOMER APPROVAL | | COMPANY APPROVAL | |
|-------------------|--|---|-------------|
| | |  | |
| INSPECTED BY: | | ISSUED BY: | Yang.Z |
| CHECKED BY: | | CHECKED BY: | An.L |
| APPROVED BY: | | APPROVED BY: | Mcdull |
| APPROVED DATE: | | ISSUED DATE: | Dec.20.2020 |

Please Return One Copy to Us After Approved,TKS! (承认后请回寄一份,谢谢)

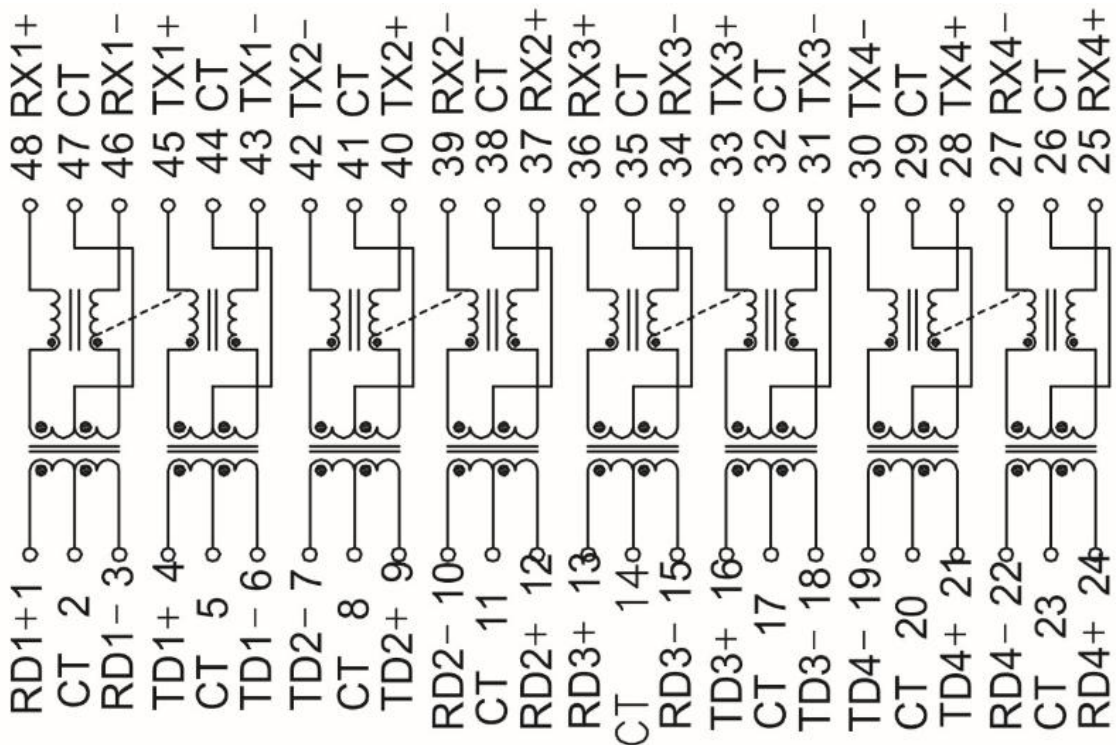
A: MECHANICAL



SUGGESTED PAD LAYOUT

Unless otherwise specified all tolerances are: ±0.25 in mm

B: SCHEMATICS



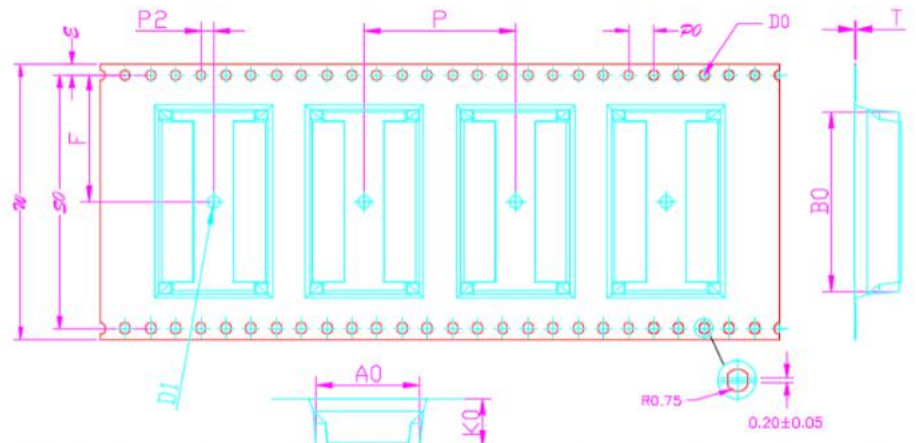
| DESCRIPTION | YX P/N | SPEC NO. | REV: R0 |
|---------------------|----------|----------|-----------|
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C. ELECTRICAL SPECIFICATIONS @25°C

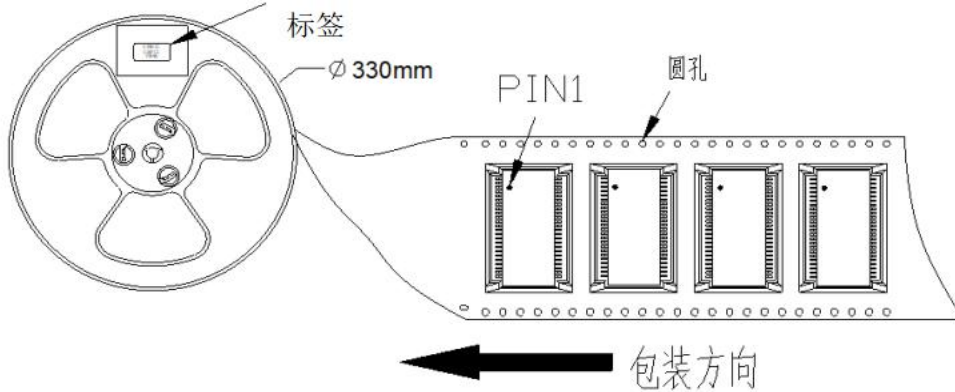
1. OCL: 350 uH Min @ 100 KHz, 0.1V with 8mA DC BIAS
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 1400mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.1 dB Max @ 0.5-100 MHz
6. Return Loss: -18 dB Min @ 0.5-40 MHz
-12+20*log(f/80) dB Min @ 40.1-100 MHz
7. Cross Talk: -35 dB Min @ 0.5-40 MHz
-33+20*log(f/50) @ 40.1-100 MHz
8. Common Mode Rejection: -30 dB Min @ 0.5-100 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature 0°C to +70°C
11. Storage temperature -20°C to +125°C

| DESCRIPTION | YX P/N | SPEC NO. | REV: R0 |
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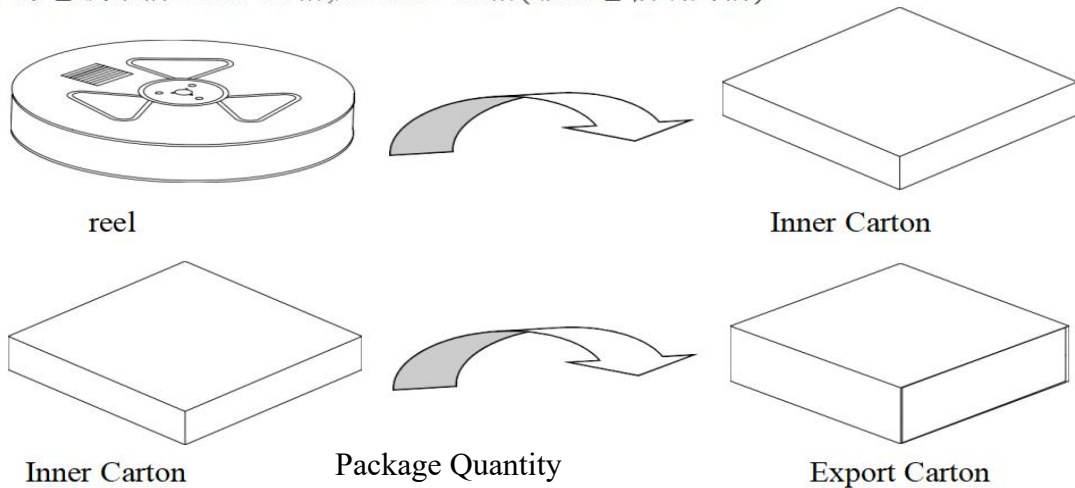
D. PACKAGE INFORMATION



| ITEM | W | A0 | B0 | S0 | K1 | K0 | F | P | P0 | P2 | D0 | D1 | E | T |
|------|----------|----------|-----------|----------|---------|---------|----------|----------|----------|----------|-------------|-------------|----------|----------|
| DIM | 44.0±0.3 | 16.0±0.1 | 28.0±0.10 | 40.4±0.1 | 7.4±0.1 | 7.9±0.1 | 20.2±0.1 | 24.0±0.1 | 4.00±0.1 | 2.0±0.15 | 1.50+0.1/-0 | 2.00+0.1/-0 | 1.75±0.1 | 0.4±0.05 |



备注: 每卷载带前空10PCS格,后空20PCS格(靠近卷轴端为前)



Package Quantity

One Reel=350Pcs

One Inner Carton=350*1=350Pcs

One Export Carton=350*3=1050Pcs

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