

1 Features

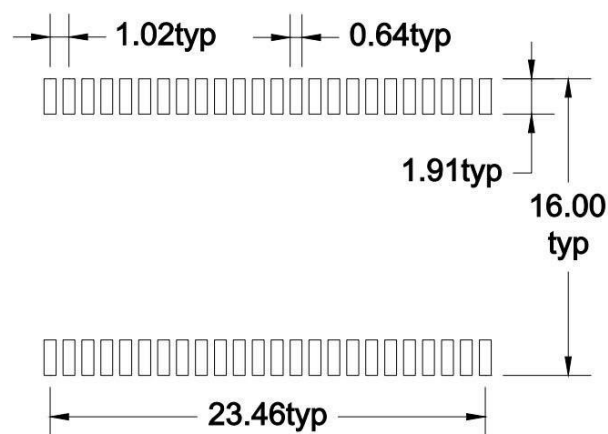
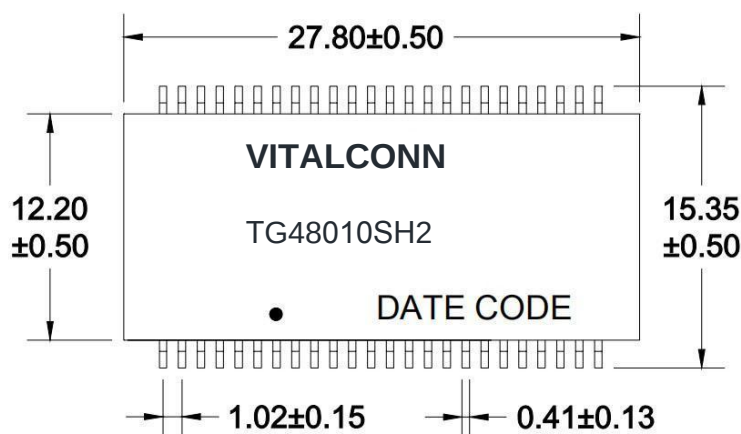
- Meets IEEE 802.3 and ANSI X3.263 standards .RoHS Compliant
- 10/100/1000 Base-T, Surface Mount Type, Open Header
- Cable interface for isolation and low common mode emissions.
- Reflow soldering temperature: peak temperature $\leq 250^{\circ}\text{C}$ (10s)
- Reflow soldering frequency: It is recommended not to exceed 3 times
- Storage temperature range: -40°C to $+85^{\circ}\text{C}$
- Operating temperature range: 0°C to $+70^{\circ}\text{C}$



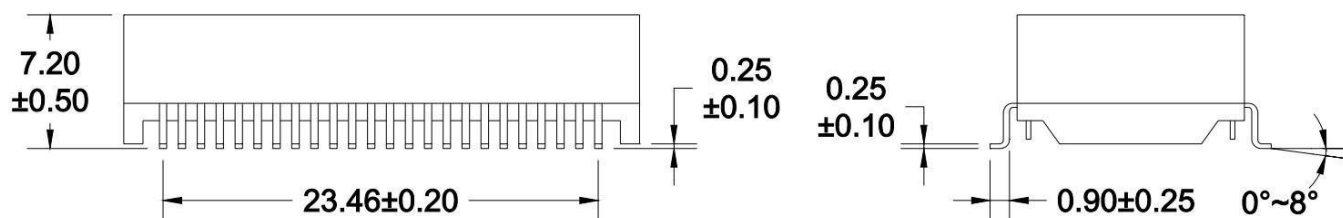
2 Specifications (特性参数)

Part No	OCL(uH min) @100KHz/0.1Vrms 8MA DC BIAS	Turns Ratio(3%)	Leakage primary@10KHz 0.1Vrms	DCR (Ω) Max	Cww(Pri:Sec) pF Typ		Isolation Voltage(AC Vrms 1S)
TG48010SH2	350UH	1:1	0.5uH max	0.9/1.2	35		1500V
Part No	InsertionLoss(dB Max) 1-100MHz)	Return Loss(dB Min)MHz			CMRR(dB min)MHz		Crosstalk(dB min)MHz
		1-30	40~60	60~100	1-60	60~100	1~100
TG48010SH2	-1.2	-18	-16	-12	-40	-30	-35

3 Mechanical (外观尺寸图)

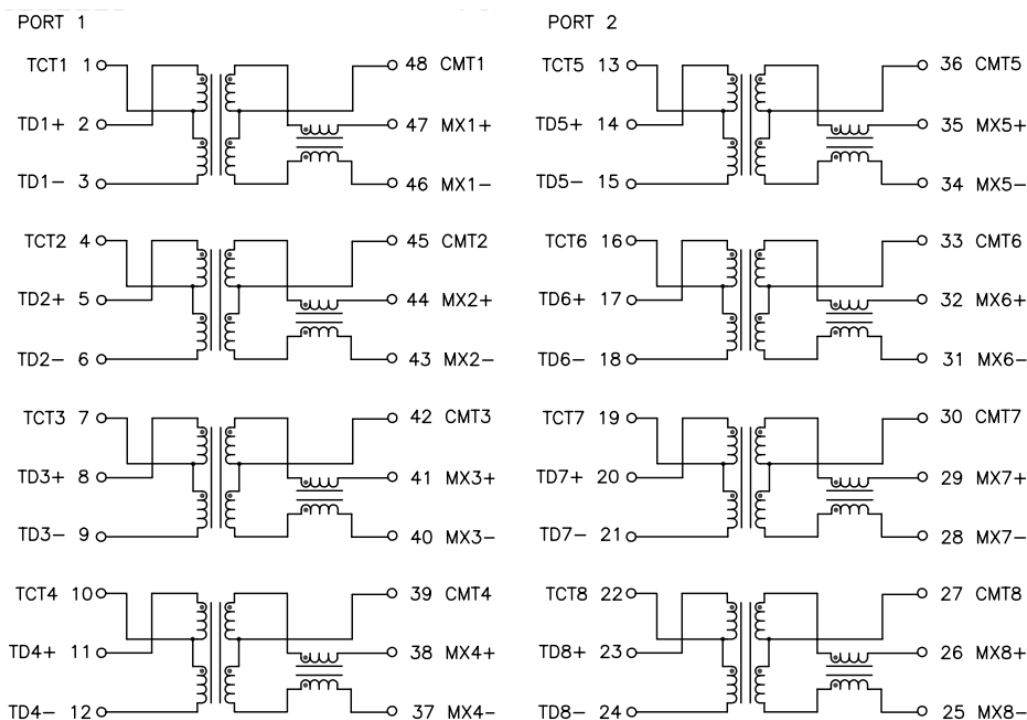


Suggested PAD Layout

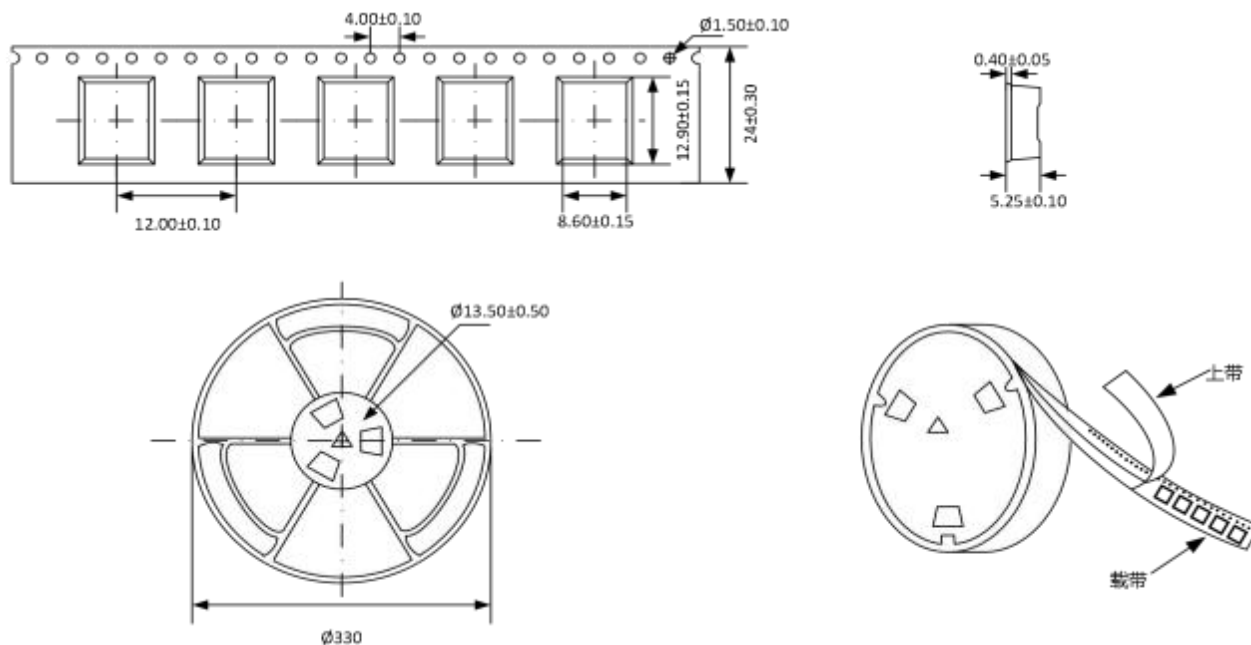


※unit: mm

4 Schematic (原理图)



5 packing (包装信息)



※unit: mm

※ Packaging quantity : *350pcs/roll * 1750pcs/box

※ Outer box size: * L * * W * * H