

1 Features

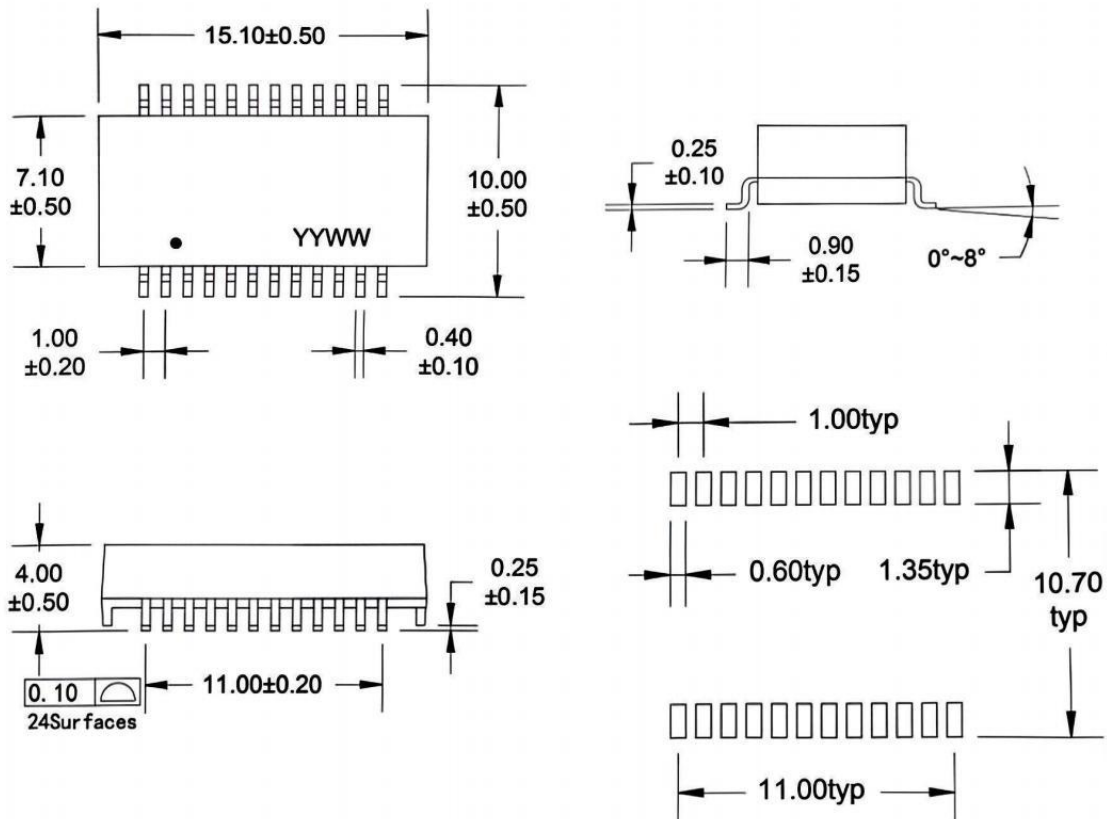
- Meets IEEE 802.3af and ANSI X3.263 standards
- 2.5GBase-T, Surface Mount Type, Open Header
- Storage temperature range: -40°C to +85°C
- Operating temperature range: 0°C to +70°C



2 Parameter table (特性参数)

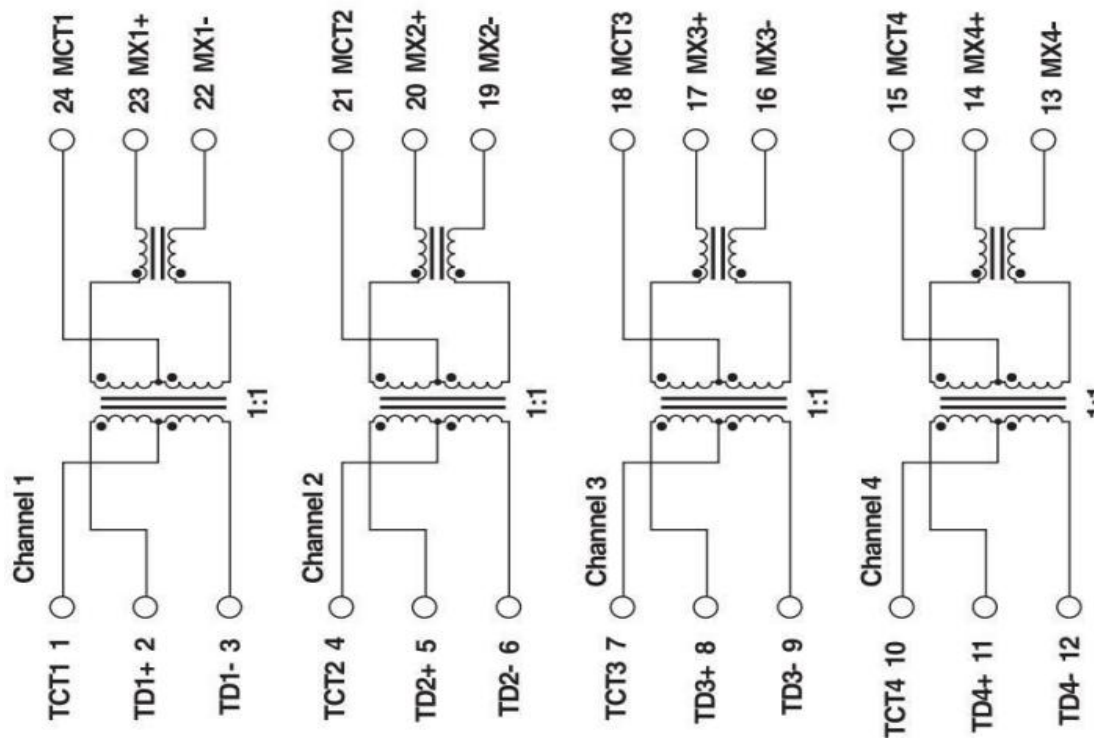
Part No	OCL(uH min) @100KHz/0.1Vrms 8mA DC BIAS	Turns Ratio(5%)	Insertion Loss(dB) Max		Return Loss(dB) *Z OUT= 100 OHM ±1%	
			1~100MHz	100~125MHz	1~40MHz	40~125MHz
L82409S	180uH	1:1	-1.0dBMAX	-1.5dBMAX	-16	16+10LOG(f/40)dBMin
Part No	Cross Talk (dB MIN)MHz TYP		CMRR (dB)MHz		Isolation Voltage(AC Vrms)	
	1-125MHz		1-125MHz		1mA 60s	
L82409S	-30dB Min		-30dB Min		1500Vrms	

3 MECHANICAL (外观尺寸图)

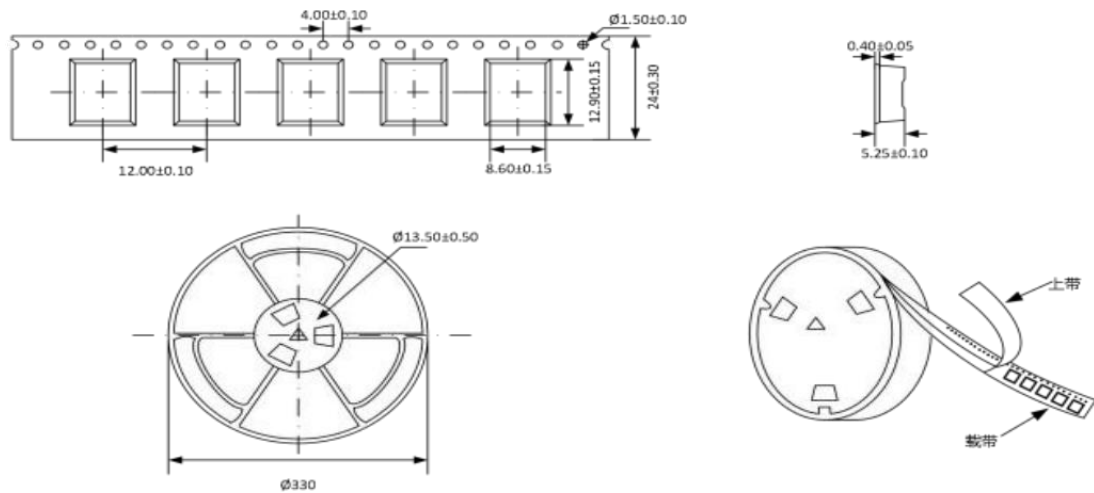


※ Unit: mm

4 SCHEMATICS（原理图）



5 Packaging information



- ※ Unit: mm
- ※ Packaging quantity (MOQ): 800pcs/roll 6400pcs/box