

1 Features

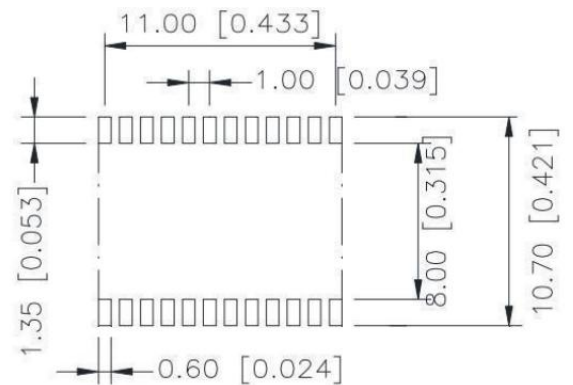
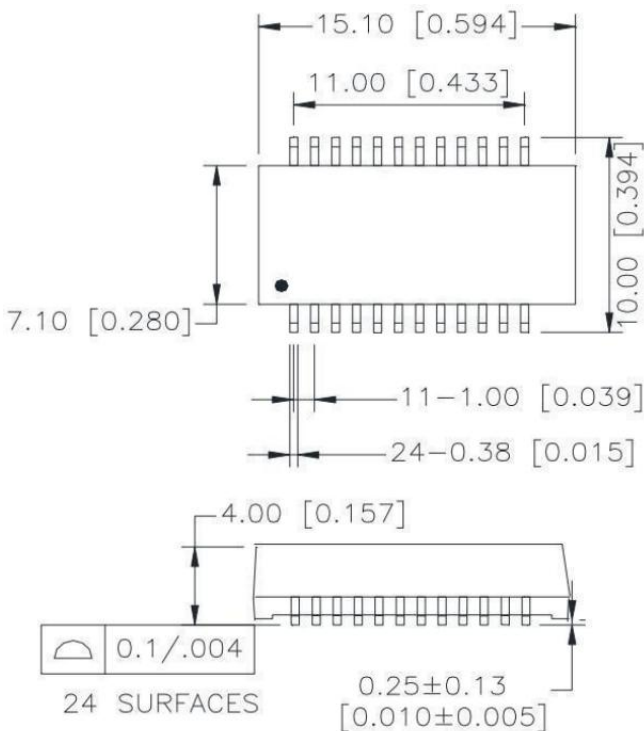
- Meets IEEE 802.3 standard.
- 10G Base-T, Surface Mount Type, Open Header
- Operating temperature range: 0℃ to +70℃
- Storage temperature range: -40℃ to +85℃



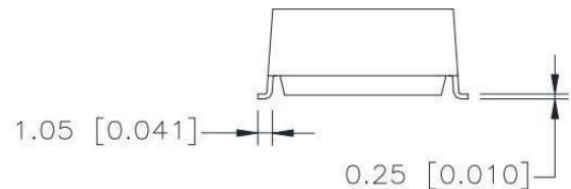
2 Parameter table(特性参数)

Part No	OCL(uH min) @100KHz/0.1Vrms	Turns Ratio(5%)	Insertion Loss(dB) Max		Return Loss(dB) *Z OUT= 100 OHM ±1%	
			1~250MHz	250~500MHz	1~40MHz	40~500MHz
G82409S	120uH	1:1	-1.5dBMAX	-3.0dBMAX	-16	-16+10LOG(f/40)dBMin
Part No	Cross Talk (dB MIN)MHz		CMRR (dB MIN)MHz		Isolation Voltage(AC Vrms)	
	1-100MHz	500MHz	1-100MHz	500MHz	1mA 60s	
G82409S	-35dB	-30dB	-30dB	-20dB	1500Vrms	

3 MECHANICAL(外观尺寸图)

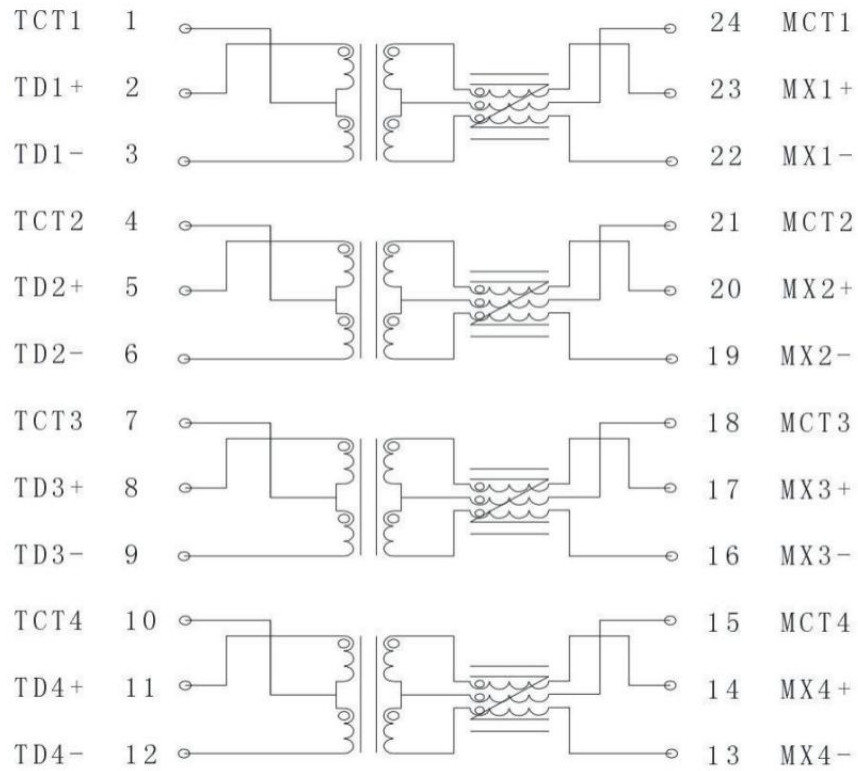


SUGGESTED PCB LAYOUT

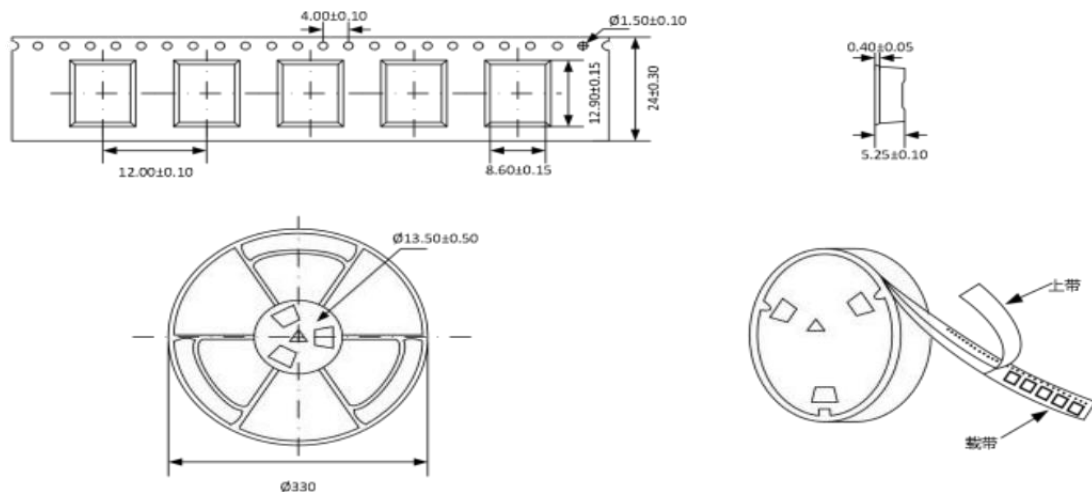


※Unit: mm

4 SCHEMATICS (原理图)



5 Packaging information



※ Unit: mm

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