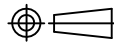


*Schematic:*

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		01/11/2007	

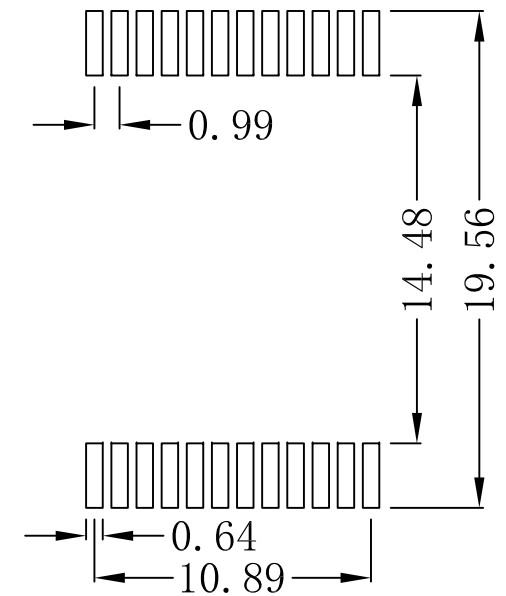
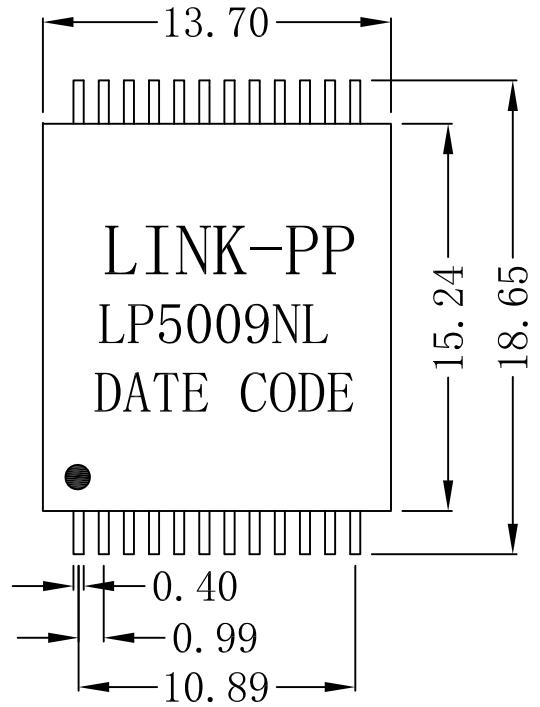
Electrical Specifications @25°C

1. ISOLATION: 1500 Vrms
2. INSERTION LOSS:  
-1.1dB MAX @1MHz-100MHz
3. RETURN LOSS:  
-16dB Min @1-30MHz  
-14dB Min @40MHz  
-13dB Min @50MHz  
-12dB Typ @60-80MHz
4. Differential to Common Mode Rejection:  
-43dB Min @30MHz  
-37dB Min @60M

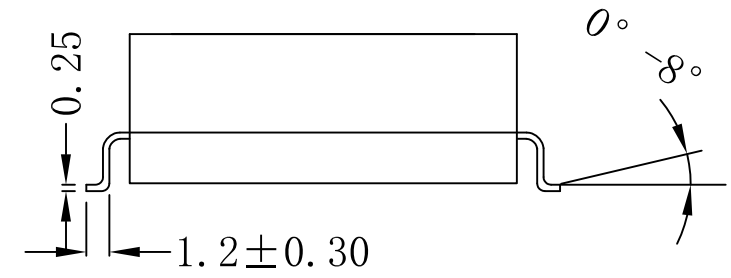
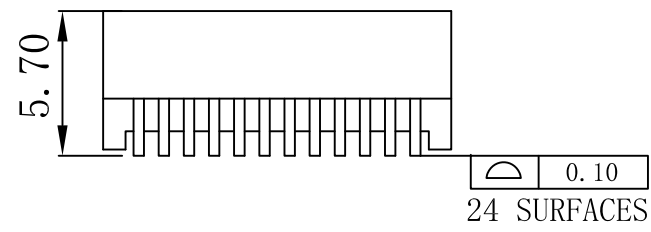
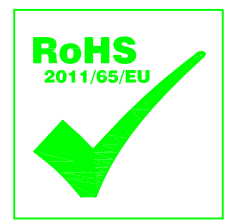
	APPD:	
	CHKD:	
X:XXX ±0.05	DR:	
ANGLES ±1°	UNIT: mm	PART NO. :
	SCALE: 2/1	SHEET: 1/2
	REV: A	DWG NO. :

**Mechanical:**

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2007/11/01	



SUGGESTED PAD LAYOUT



NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. With various Turns Ratios.
3. 350uH min OCL with 8mA bias current.
4. 350mA current capability
5. Support VoIP and Power over Ethernet applications
6. Maximum reflow temperature is 250°C, 5Sec.

X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: 10/100 Base-TX VoIP Magnetic Modules For PoE Application	
X:XXX	±0.05	DR: TOM	PART NO.: LP5009NL	
ANGLES	±1°	UNIT: mm	DWG NO.: LP07110102	
		SCALE: 1/1	SHEET: 2/2	REV: A