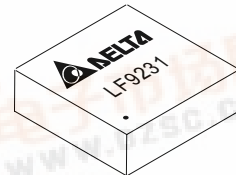




# 10/100/1000BASE-T TRANSFORMER MODULES

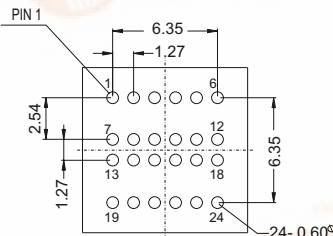
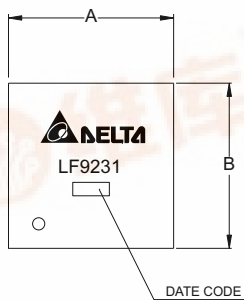
## Networking Components



### ELECTRICAL CHARACTERISTICS @25°C

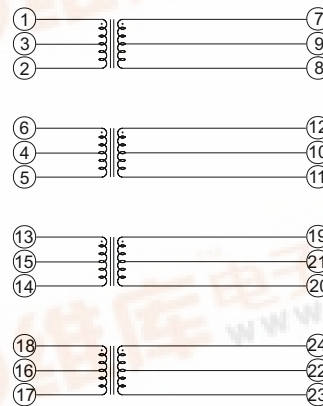
Rise Time & Fall Time @5.0ns (Max), Hi-Pot Test @60Sec, 1500Vrms, OCL @8mA DC Bias 350uH (Min)										
Model	Insertion Loss (dB Max)	Return Loss (dB Min)					Cross Talk (dB Min)			Turns Ratio TX/RX (±5%)
		1-100 MHz	1-30 MHz	40 MHz	50 MHz	60-80 MHz	100 MHz	30 MHz	60 MHz	
	LF9231	-1.0	-30	-21.5	-20	-16	-14	-45	-40	-35

### MECHANICAL CONSTRUCTION



UNIT : mm / inch  
 A = 10.00 / 0.394 TYP  
 B = 10.00 / 0.394 TYP  
 C = 4.10 ± 0.100 / 0.161 ± 0.004  
 D = 3.90 ± 0.100 / 0.154 ± 0.004  
 E = 0.20 / 0.008 TYP

### SCHEMATICS



### APPLICATION CIRCUITS

