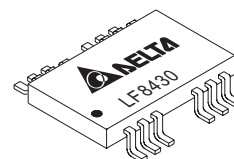




## FAST ETHERNET 100BASE-TX PCMCIA TRANSFORMER MODULES

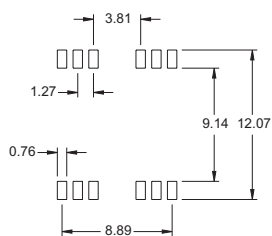
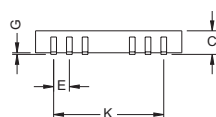
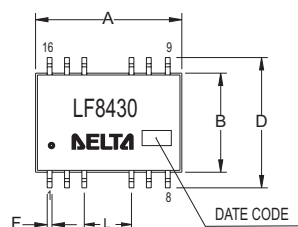
# Networking Components



### ELECTRICAL CHARACTERISTICS @25°C

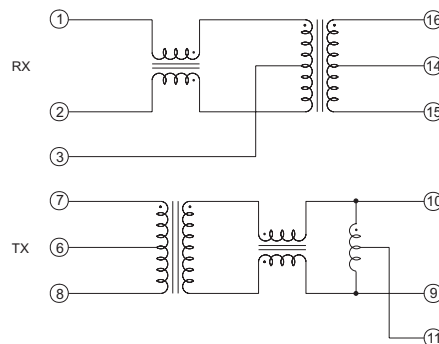
Rise Time & Fall Time @5.0ns (Max), Hi-Pot Test @60Sec, 1500Vrms, OCL 350uH (Min)														
Model	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)				Com. To Com. Rejection Ratio (dB Min)		Diff. To Com. Mode Rejection (dB Min)		Turns Ratio TX/RX (±5%)
	1~100	2~30	40	50	60~80	1	30	60	100	1~60	60~100	1~60	60~100	1
	MHz	MHz				MHz				MHz		MHz		MHz
LF8430	-1.1	-18	-17	-14.5	-12	-65	-55	-45	-35	-40	-30	-40	-30	1:1 / 1:1

### MECHANICAL CONSTRUCTION



UNIT : mm / inch  
 A = 11.81±0.254 / 0.465±0.010  
 B = 8.60±0.254 / 0.339±0.010  
 C = 1.90±0.254 / 0.075±0.010  
 D = 11.43±0.254 / 0.450±0.010  
 E = 1.27 / 0.050 (TYP)  
 F = 0.46±0.127 / 0.018±0.005  
 G = 0.100 / 0.004 MIN  
 H = 0.254 / 0.010 (TYP)  
 I = 0.38~1.27 / 0.015~0.050  
 J = 0° ~ 8°  
 K = 8.89 / 0.350 (TYP)  
 L = 3.81 / 0.150 (TYP)

### SCHEMATICS



### DELTA ELECTRONICS, INC.

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[Http://www.deltaww.com/products/networking](http://www.deltaww.com/products/networking)