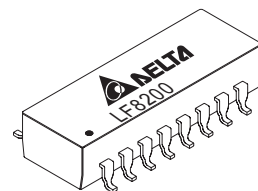




FAST ETHERNET 10BASE-T/100BASE-TX TRANSFORMER MODULES

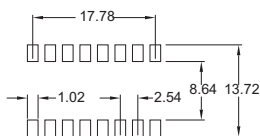
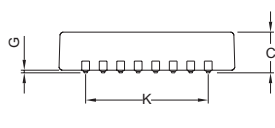
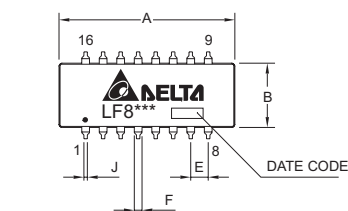
Networking Components



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)				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
LF8200	-1.0	-18	-17	-14.5	-12	-65	-55	-45	-35	-40	-30	-40	-30	1:1 / 1:1
LF8218	-1.0	-18	-16	-12	-10	-65	-55	-45	-35	-40	-30	-40	-30	1.414:1 / 1:1
LF8222	-1.0	-18	-16	-12	-10	-65	-55	-45	-35	-40	-30	-40	-30	2:1 / 1:1
LF8244	-1.0	-18	-16	-12	-10	-65	-55	-45	-35	-40	-30	-40	-30	1.25:1 / 1:1
LF8511	-1.0	-18	-16	-12	-10	-65	-55	-45	-35	-40	-30	-40	-30	1:1.414 / 1:1

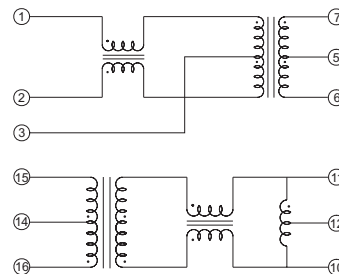
MECHANICAL CONSTRUCTION



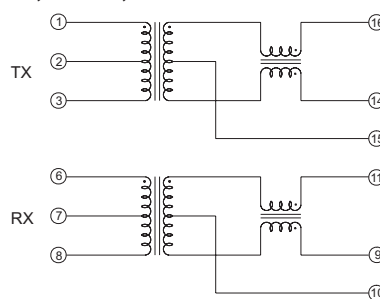
UNIT : mm / inch
A = 23.80±0.254 / 0.937±0.010
B = 9.80±0.254 / 0.386±0.010
C = 6.10±0.254 / 0.240±0.010
D = 12.40±0.254 / 0.488±0.010
E = 2.54 / 0.100 (TYP)
F = 1.12±0.127 / 0.044±0.005
G = 0.254±0.127 / 0.010±0.005
H = 0.254 / 0.010 (TYP)
I = 1.00±0.254 / 0.039±0.010
J = 0.50±0.127 / 0.020±0.005
K = 17.78 / 0.700 (TYP)

SCHEMATICS

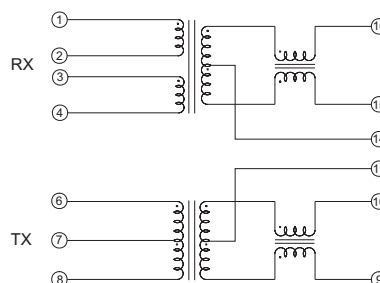
LF8200



LF8218, LF8244, LF8511



LF8222



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Http://www.deltaww.com/products/networking