

HIGH SPEED LAN 10 /100BASE-TX MAGNETICS MODULES

General Specifications

IEEE 802.3 Ethernet Compatible, Dual Channel
 16-Pin Surface Mountable
 Operating Temperature 0 to 70

Electrical Specification @25

O.C.L.:350uH Min. @ 100KHz/0.2Vrms with 8mA DC bias

C.W.W.:28pF Max. @100KHz/0.2Vrms

D.C.R.:0.9 Ω Max.

Leakage Inductance:0.5uH Max. @100KHz/0.2Vrms

Hi-pot : 1500 Vrms(Primary/Secondary)

Turn Ratio ($\pm 3\%$) TX=1CT:1CT, RX=1:1

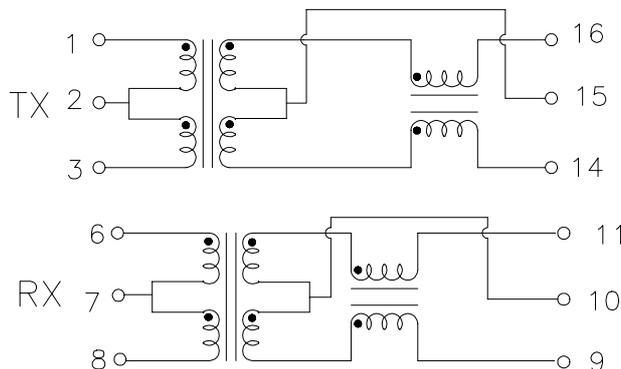
Insertion Loss (0.1-100MHz): 1.1dB Max.

D.M.R.R.(1-100MHz):-30dB Min.

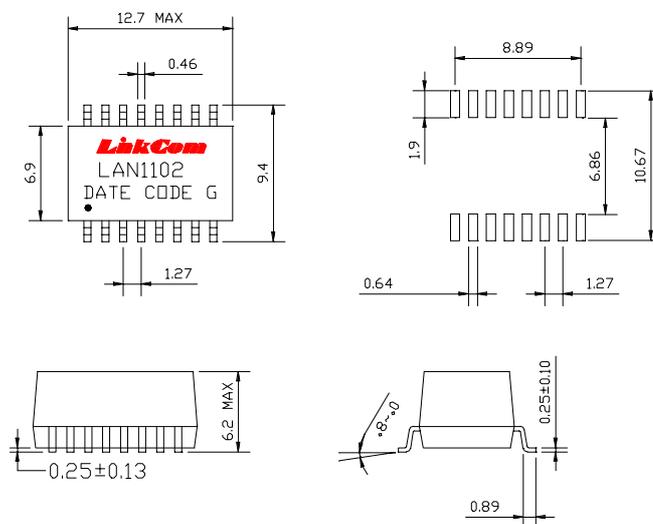
Cross Talk(0.1-100MHz): -35dB Min.

Return Loss:	0.1-30MHz	30-60MHz	60-80MHz
	20dB Min.	13dB Min.	11dB Min.

Schematic:



Dimensions:



Units:mm

Unless otherwise specified,all tolerances are ± 0.25