

LRN1011-50

HIGH SPEED LAN 10 /100BASE-TX MAGNETICS

Single Port, Through Hole, Tab Down RJ45 Connectors

General Specifications

IEEE 802.3 Ethernet Compatible, Dual Channel
 Operating Temperature 0 to 70

Electrical Specification @25

OCL:350uH min with 8mA DC bias

Isolation HI-POT : 1500 Vrms (pri/sec)

Turn Ratio ($\pm 2\%$) TX=1CT:1CT, RX=1:1

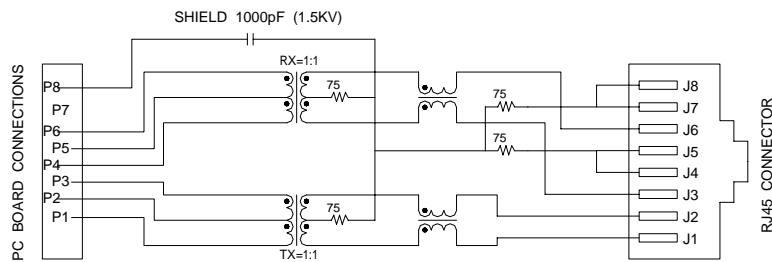
CMRR(1-100MHz):-40dB typ

Insertion Loss (0.1-100MHz): -1.1dB max

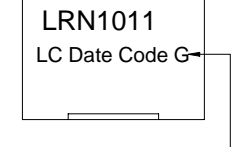
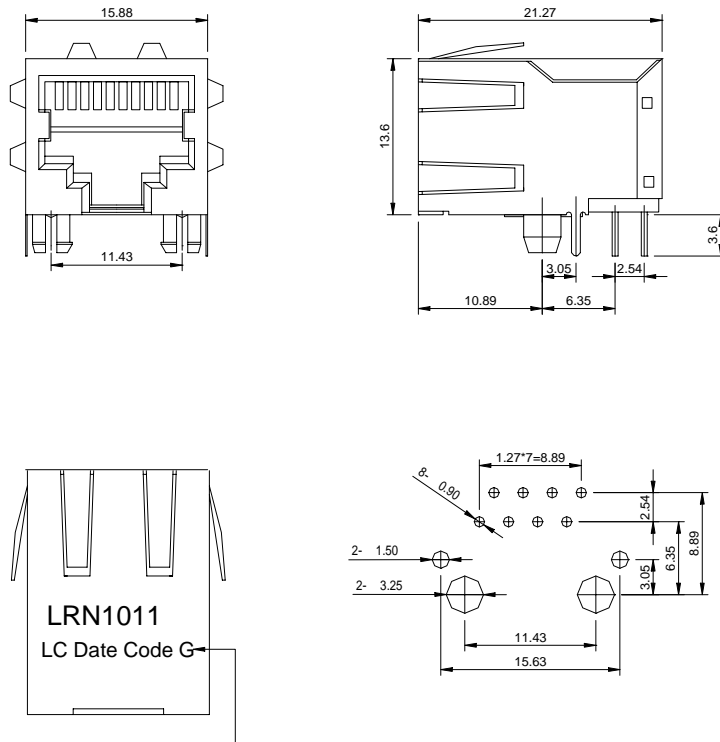
Cross Talk(0.1-100MHz): -35dB min

Return Loss:	1-30MHz	30-60MHz	60-80MHz
	-20dB min	-14dB min	-11.5dB min

Schematic:



Dimensions:



G means RoHS compliant

Units:mm

Unless otherwise specified,all tolerances are ± 0.25