LinkCom Manufacturing Co., Ltd.

LRN1011-50

HIGH SPEED LAN 10 /100BASE-TX MAGNETICS

Single Port, Through Hole, Tab Down RJ45 Connectors

General Specifications

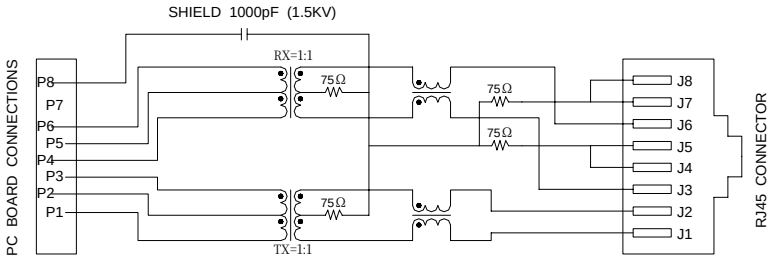
IEEE 802.3 Ethernet Compatible, Dual Channel
Operating Temperature 0℃ to 70℃

Electrical Specification @25℃

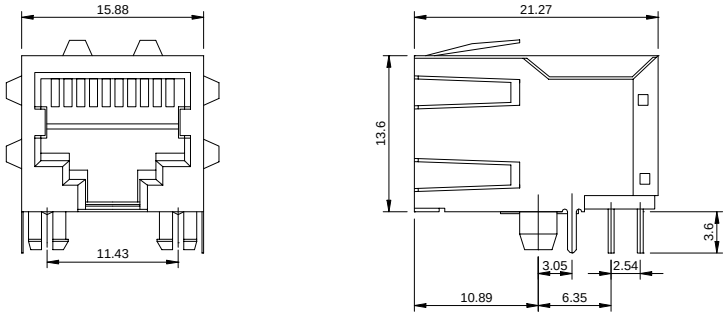
OCL:350uH min with 8mA DC bias
Isolation HI-POT : 1500 Vrms (pri/sec)
Turn Ratio (±2%) TX=1CT:1CT, RX=1:1
CMRR(1-100MHz):-40dB typ
Insertion Loss (0.1-100MHz): -1.1dB max
Cross Talk(0.1-100MHz): -35dB min

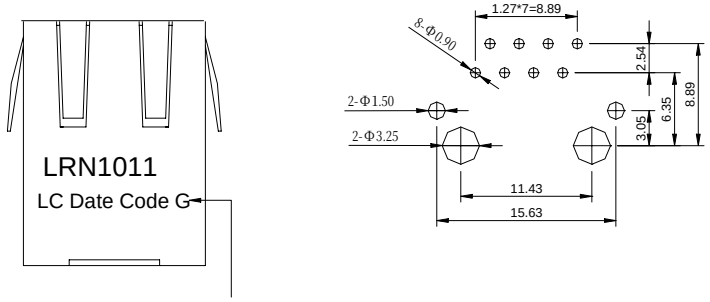
Return Loss:	1-30MHz	30-60MHz	60-80MHz
	-20dB min	-14dB min	-11.5dB min

Schematic:



Dimensions:





G means RoHS compliant

Units:mm
Unless otherwise specified,all tolerances are ±0.25