

SPECIFICATION

UNICOM ELECTRONIC CORP.

PART NUMBER: 1RJM8-126L

10 LAUREL LANE

DESCRIPTION: 100 BASE-T FILTER

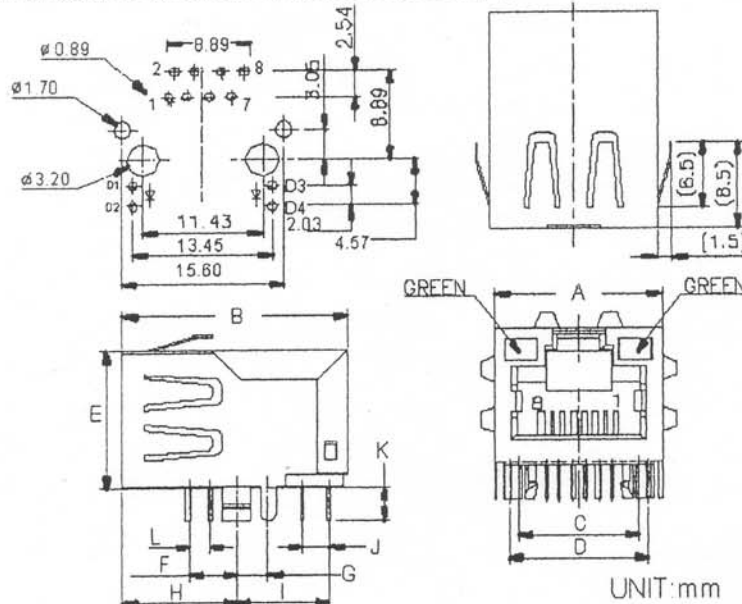
PORT WASHINGTON, NY 11050

DATE: 4/23/04

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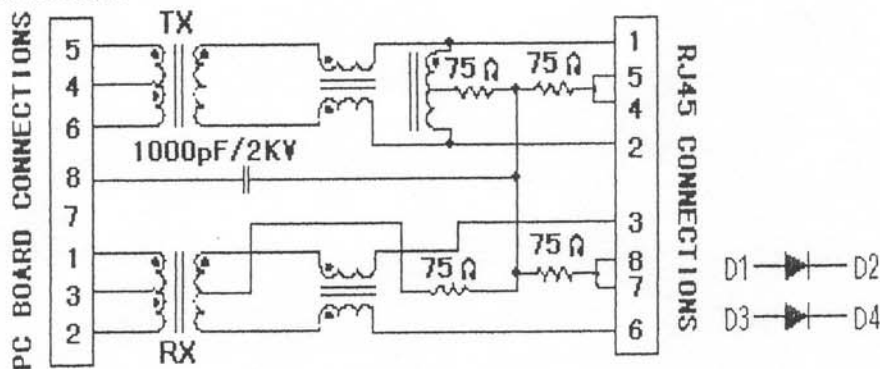
REV.

1. MECHANICAL DIMENSION :



ITEM	SPECIFICATION	READING
A	16.0	16.01
B	21.5	21.5
C	11.43	11.42
D	13.45	13.21
E	13.6	13.62
F	4.6	4.6
G	3.05	3.05
H	10.9	10.9
I	8.89	8.89
J	2.54	2.54
K	3.31±0.50	3.67
L	2.03	2.03

2. SCHEMATIC :



3. ELECTRICAL CHARACTERISTICS:

- INDUCTANCE(100KHZ/0.1V@8mA): 350uH MIN
- HI-POT:1500VAC/0.5mA for 1 minute
- TURNS RATIO: RX:1CT:1CT ; TX: 1CT : 1
- InsertionLoss(0.1MHZ~0.999MHZ/1MHZ~15MHZ/15.1MHZ~60MHZ/60.1MHZ~80MHZ/80.1MHZ~100MHZ):
-1.0dB/-0.3dB/-0.6dB/-1.1dB/-1.1dB MAX
- ReturnLoss(0.1MHZ~0.999MHZ/1MHZ~15MHZ/15.1MHZ~60MHZ/60.1MHZ~80MHZ/80.1MHZ~100MHZ):
-18dB/-18dB/-18dB /-15dB/-12dB MIN
- Crosstalk(0.1MHZ~0.999MHZ/1MHZ~15MHZ/15.1MHZ~60MHZ/60.1MHZ~80MHZ/80.1MHZ~100MHZ):
-43dB/-43dB/-43dB/-38dB/-38dB MIN
- CMRR(0.1MHZ~0.999MHZ/1MHZ~15MHZ/15.1MHZ~60MHZ/60.1MHZ~80MHZ/80.1MHZ~100MHZ):
TX:-46dB/-46dB/-46dB/-42dB/-42dB MIN ; RX: -35dB/-35dB/-35dB/-33dB/-33dB MIN