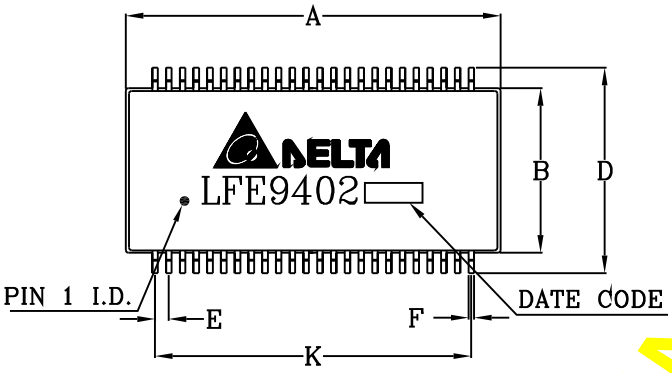
SPECIFICATION FOR APPROVAL

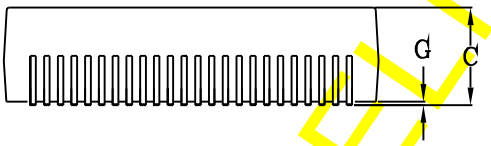
Customer Part No.: Delta Part No.: LFE9402 Part Name: LAN Filter (1000 Base-T Dual Port)	Rev.: G RoHS COMPLIANT

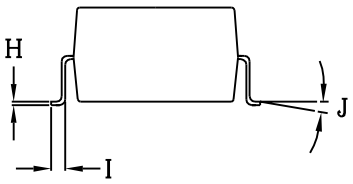
1. Mechanical Dimension:



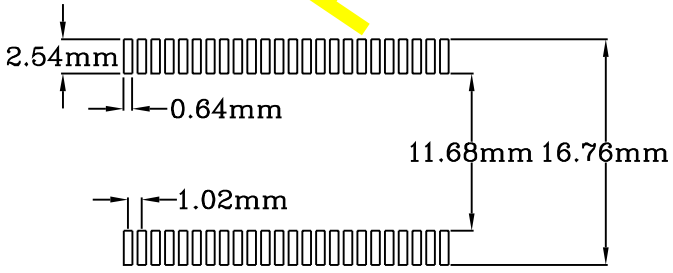
UNIT: mm/inch

A	=	27.81±0.254/1.095±0.010
B	=	12.20±0.254/0.480±0.010
C	=	7.24±0.254/0.285±0.010
D	=	15.24±0.254/0.600±0.010
E	=	1.02±0.127/0.040±0.005
F	=	0.41±0.127/0.016±0.005
G	=	0.254±0.127/0.010±0.005
H	=	0.254±0.10/0.010±0.004
I	=	0.69±0.254/0.027±0.010
J	=	0°~8°
K	=	23.46±0.127/0.924±0.005

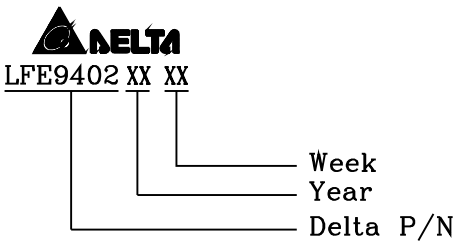




1-1. Marking and Recommended PCB Layout:



(Component Side)
Suggested PCB Layout



* Marking

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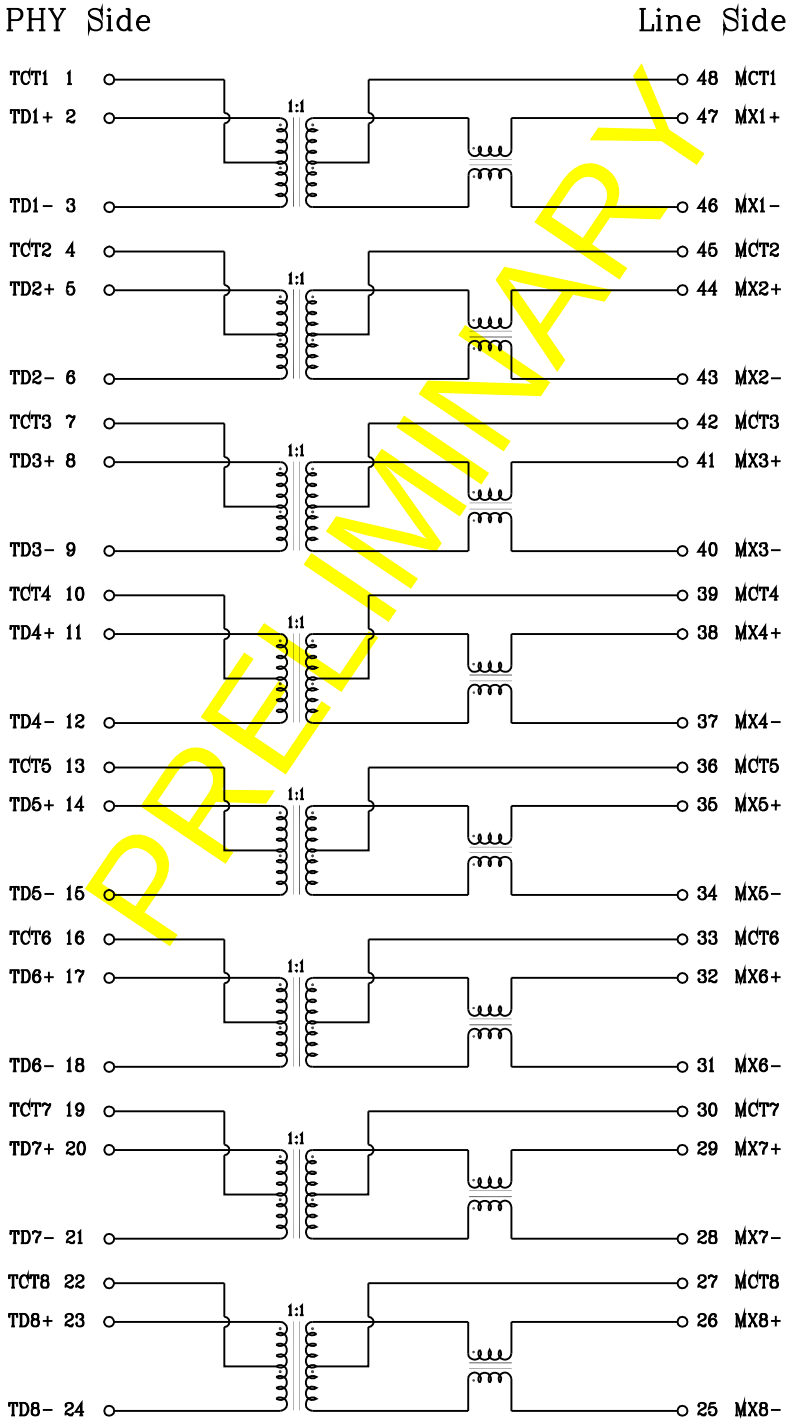
2. Circuit Schematic



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Customer Part No.: Delta Part No.: LFE9402 Part Name: LAN Filter (1000 Base-T Dual Port)	Rev.: G RoHS COMPLIANT

3. Electrical Characteristics (Temp.: 20~30°C, Humidity: 40~75% RH)

3-1. Insertion Loss:

1-30MHz	-0.4dB MAX.
30-100MHz	-1.0dB MAX.
100-125MHz	-1.2dB MAX.

3-2. Return Loss:

1-30MHz	-19dB MIN.
30-60MHz	-14dB MIN.
60-80MHz	-12dB MIN.
80-100MHz	-10dB MIN.

3-3. Cross Talk:

1-100MHz	-30dB MIN.

3-4. Primary Inductance: @100KHz,0.1V
8mA DC Bias 350uH MIN.

3-5. Turns Ratio: @100KHz
(Pri: Sec) = 1CT:1CT±5%

3-6. Hi-pot Test: @60Hz,1mA
(Pri To Sec) : 1500Vrms,60Sec

* RoHS Compliant
* Solder Wire SAC 305 Sn 96.5/Ag 3.0/Cu 0.5
* Use Pb:Sn=w95:w5 solder for internal connection which is exempted from RoHS regulations
* Operate Temperature Range: 0~70°C
* Storage Temperature Range: -40°C~85°C