



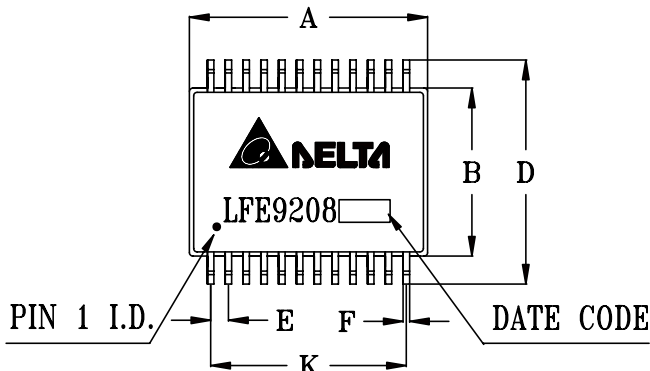
SPECIFICATION FOR APPROVAL

CUSTOMER PART NO.:
DELTA PART NO.: LFE9208
PART NAME: Lan filter

REV.: A

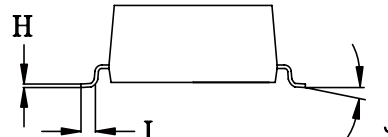
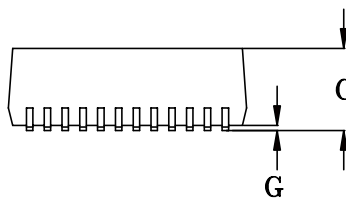


1. MECHANICAL DIMENSIONS :

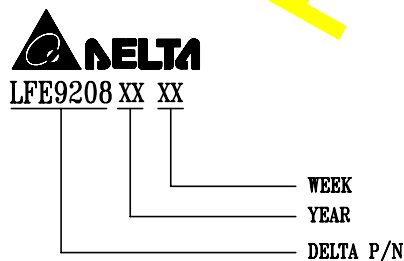


UNIT: mm/inch

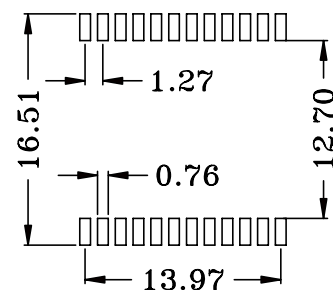
A = $17.00 \pm 0.254 / 0.669 \pm 0.010$
B = $12.00 \pm 0.254 / 0.472 \pm 0.010$
C = $5.71 \pm 0.254 / 0.225 \pm 0.010$
D = $16.00 \pm 0.254 / 0.630 \pm 0.010$
E = $1.27 \pm 0.127 / 0.050 \pm 0.005$
F = $0.46 \pm 0.127 / 0.018 \pm 0.005$
G = $0.254 \pm 0.127 / 0.010 \pm 0.005$
H = $0.254 \pm 0.127 / 0.010 \pm 0.005$
I = $1.00 \pm 0.254 / 0.039 \pm 0.010$
J = $0^\circ \sim 8^\circ$
K = $13.97 \pm 0.127 / 0.550 \pm 0.005$



2. MARKING AND RECOMMENDED PCB LAYOUT :



* MARKING*



SUGGESTED PAD LAYOUT



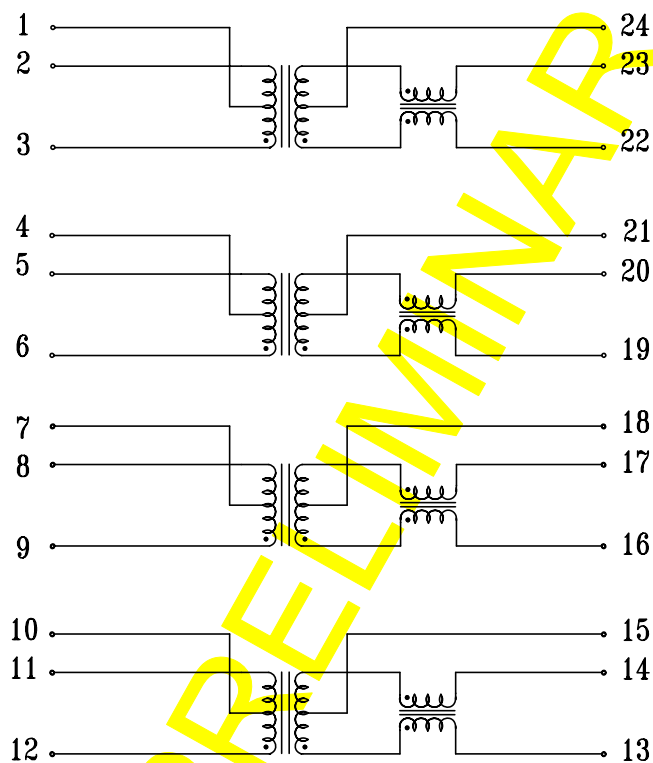
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3. CIRCUIT SCHEMATIC:





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4. ELECTRICAL CHARACTERISTICS (TEMP: 25°C, HUM: 65% RH)

4-1. INSERTION LOSS:

1-60 MHz	-0.5dB MAX.
60-100 MHz	-1.0dB MAX.
100-125 MHz	-1.2dB MAX.

4-2. RETURN LOSS:

1-30 MHz	-16.0dB MIN.
30-40 MHz	-13.5dB MIN.
40-50 MHz	-11.5dB MIN.
50-80 MHz	-10.0dB MIN.

4-3. CROSS TALK:

1-30MHz	-35dB MIN.
30-60MHz	-32dB MIN.
60-100MHz	-30dB MIN.

4-4. COMMON MODE REJECTION:

1-100MHz	-30dB MIN.
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4-5. PRIMARY INDUCTANCE: @100KHz,0.1Vrms,8mA DC BIAS.

(2-3),(5-6),(8-9),(11-12) : 350uH MIN.

4-6. HI-POT TEST: @60Hz

(2-3 TO 23-22)	1500Vrms,60SEC
(5-6 TO 20-19)	1500Vrms,60SEC
(8-9 TO 17-16)	1500Vrms,60SEC
(11-12 TO 14-13)	1500Vrms,60SEC

- * RoHS compliant
- * SOLDER WIRE SAC 305 Sn 96.5/Ag 3.0/Cu 0.5
- * STORAGE TEMPERATURE RANGE: -40°C~85°C
- * OPERATE TEMPERATURE RANGE: 0~70°C
- * Use Pb:Sn=w95:w5 solder for internal connection which is exempted from RoHS regulations