



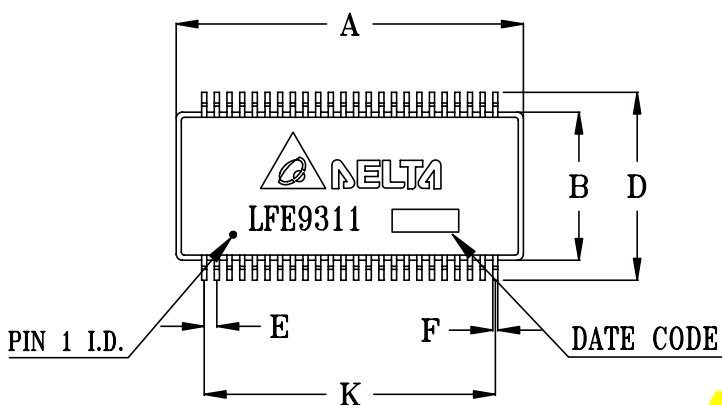
SPECIFICATION FOR APPROVAL

CUSTOMER PART NO.:
 DELTA PART NO.: LFE9311
 PART NAME: 1000Base-T transformer for poe

REV.: B

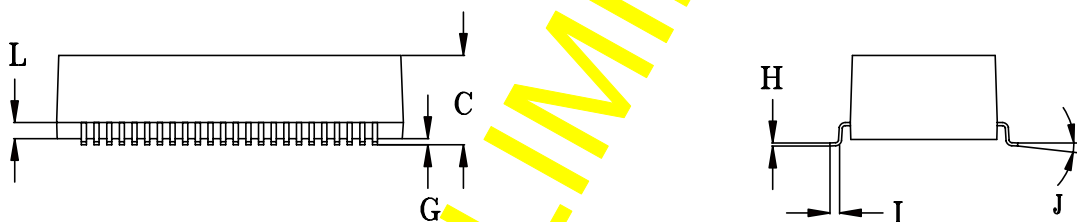


1. MECHANICAL DIMENSIONS :

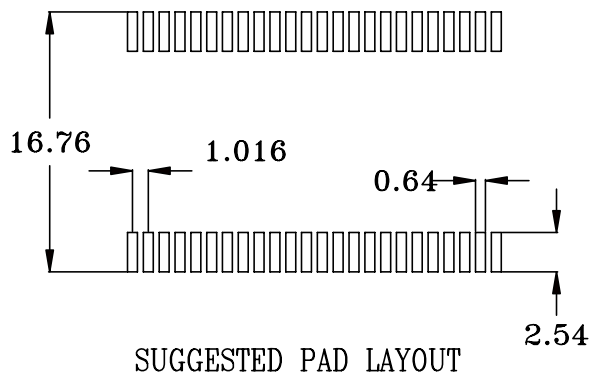
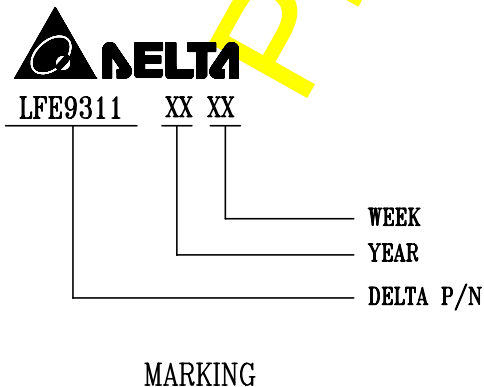


UNIT : mm/inch

- 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 = 1.016±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±0.127/0.010±0.005
- I = 0.5±0.15/0.020±0.006
- J = 0°~8°
- K = 23.37±0.127/0.920±0.005
- L = 1.25±0.127/0.049±0.005



2. MARKING AND RECOMMENDED PCB LAYOUT :



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

4-1. TRANSMITTER FILTER

INSERTION LOSS:

- @ 1-30 MHZ -0.4dB MAX.
- @ 30-100 MHZ -1.0dB MAX
- @ 100-125 MHZ -1.2dB MAX

4-2. RECEIVER FILTER

RETURN LOSS:

- @ 1-30 MHZ -19dB MIN.
- @ 30-80 MHz -12dB MIN.
- @ 80-100 MHz -10dB MIN.

4-3. CROSS TALK

- @ 1-100MHz -30dB MIN.

4-4. PRIMARY INDUCTANCE

- @ 100 KHZ, 0.1 Vrms, 8mA DC BIAS 350uH MIN.

4-5. HI-POT TEST: @60Hz

- (PRI TO SEC) : 1500Vrms, 60Sec

PRELIMINARY

- * 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
- * 350mA CURRENT CAPABILITY
- * OPERATE TEMPTARE: 0~70°C

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