



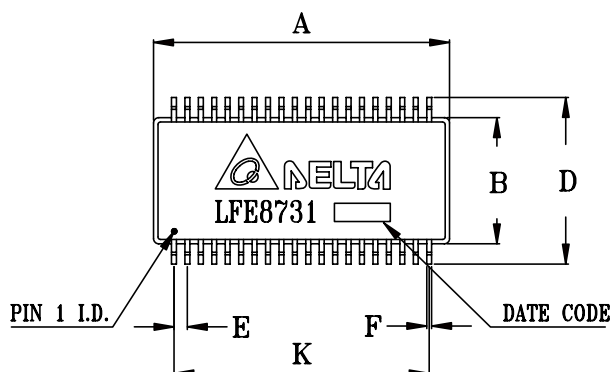
SPECIFICATION FOR APPROVAL

CUSTOMER PART NO.:
 DELTA PART NO.: LFE8731
 PART NAME: Lan filter

REV.: C

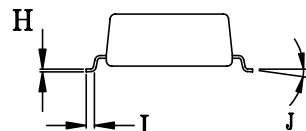
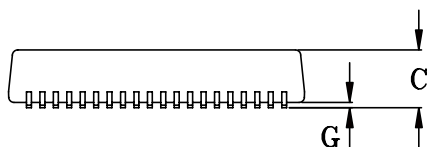


1. MECHANICAL DIMENSIONS :

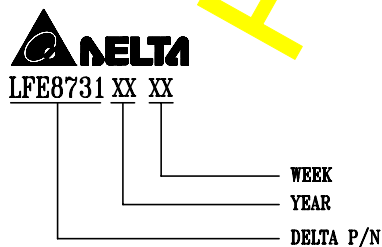


UNIT : mm / inch

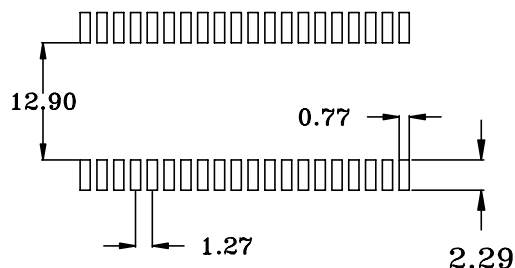
A	=	28.00±0.254	/	1.102±0.010
B	=	12.00±0.254	/	0.472±0.010
C	=	5.80±0.254	/	0.228±0.010
D	=	16.00±0.254	/	0.630±0.010
E	=	1.27±0.127	/	0.050±0.005
F	=	0.46±0.127	/	0.018±0.005
G	=	0.254±0.127	/	0.010±0.005
H	=	0.254±0.10	/	0.010±0.004
I	=	1.00±0.254	/	0.039±0.010
J	=	0°~8°		
K	=	24.13±0.127	/	0.950±0.005
CO-PLANARITY: 0.004 inch				



2. MARKING AND RECOMMENDED PCB LAYOUT :



* MARKING*



SUGGESTED PAD LAYOUT

* This specification is the proprietary of Delta Electronics, Inc.
 * This specification is only for preliminary review. If formal specification is required, please contact with our local Sales office or Rep.



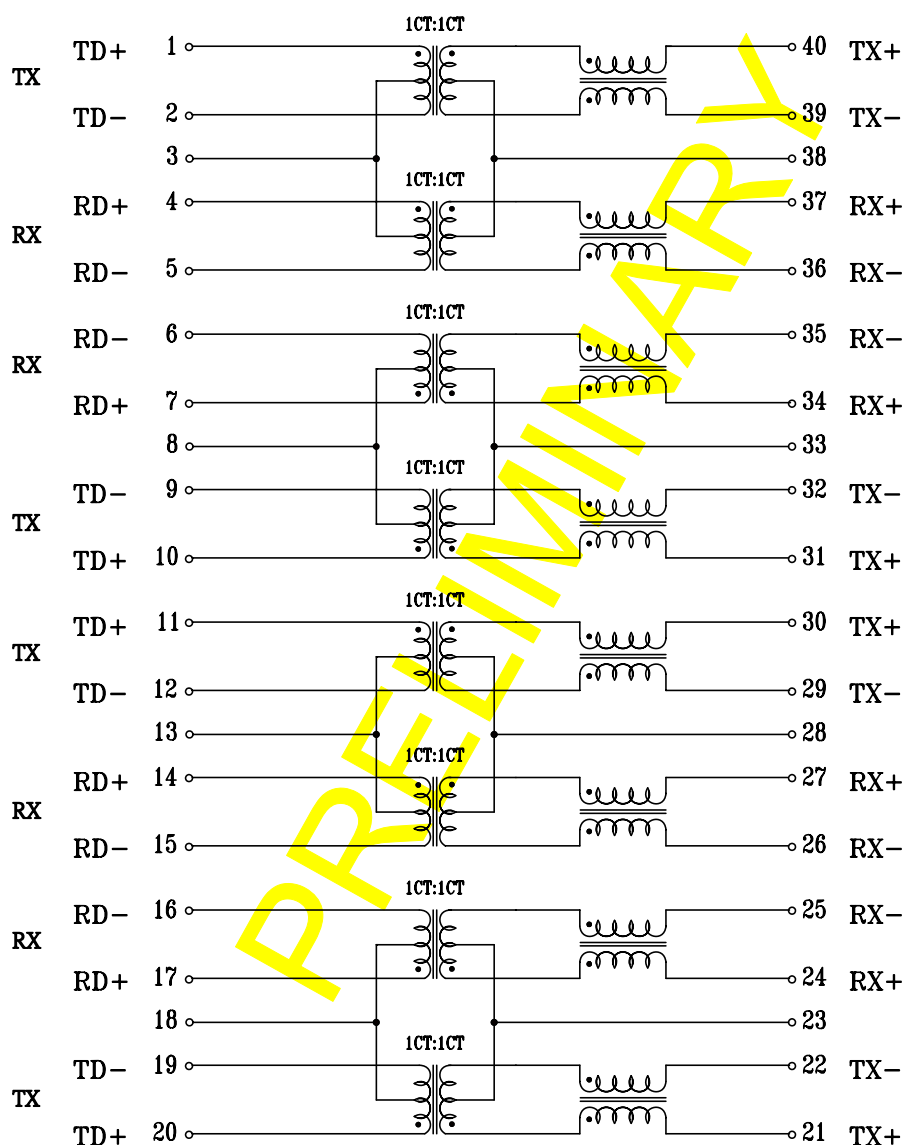
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3. SCHEMATIC :



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

4-1. INSERTION LOSS:

1-100MHz -1.0dB MAX

4-2. RETURN LOSS:

2-30MHz -19dB MIN.
30-60MHz -14dB MIN.
60-80MHz -13dB MIN.

4-3. CROSS TALK:

1-100MHz -28dB MIN.

4-4. COMMON MODE REJECTION:

1-100MHz -30dB MIN.
100-500MHz -13dB MIN.

4-5. PRIMARY INDUCTANCE: @100KHz, 0.1Vrms, 8mA DC BIAS
350uH MIN

4-6. HI-POT TEST: @60Hz
(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
- * STORAGE TEMPERATURE RANGE: -40°C~85°C
- * OPERATE TEMPERATURE RANGE: 0~70°C