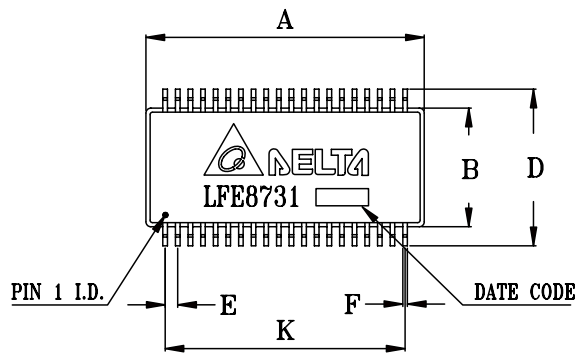




# SPECIFICATION FOR APPROVAL

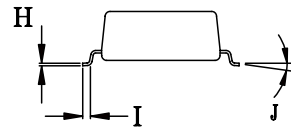
CUSTOMER PART NO.: DELTA PART NO.: LFE8731 PART NAME: Lan filter	REV.: C

## 1. MECHANICAL DIMENSIONS :

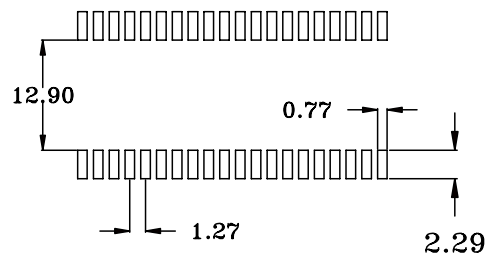
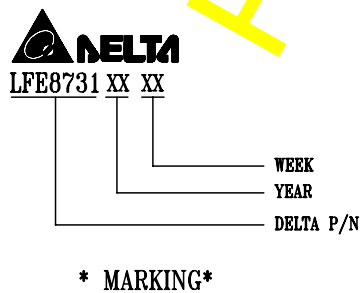


UNIT : mm / inch

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 :



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.



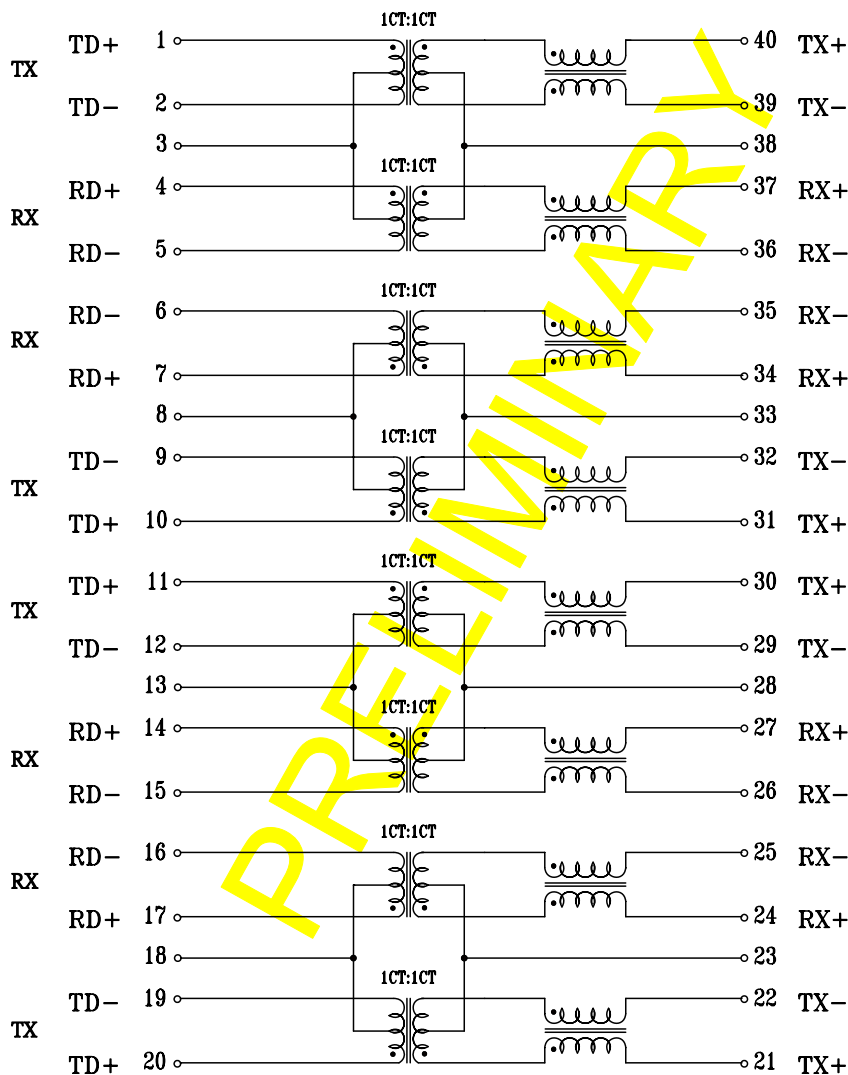
# SPECIFICATION FOR APPROVAL

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

REV.: C



## 3. SCHEMATIC :



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# SPECIFICATION FOR APPROVAL

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

## 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

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
- \* STORAGE TEMPERATURE RANGE: -40°C~85°C
- \* OPERATE TEMPERATURE RANGE: 0~70°C

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