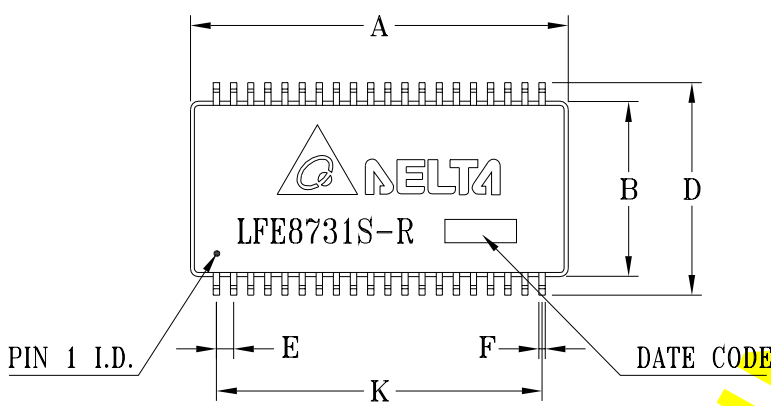




SPECIFICATION FOR APPROVAL

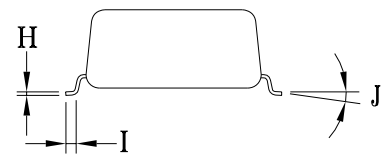
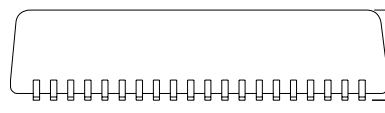
Customer Part No.: Delta Part No.: LFE8731S-R Part Name: Lan X'FMR (10/100 Base-T Quad Port)	Rev.: B RoHS COMPLIANT
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1. Mechanical Dimension:

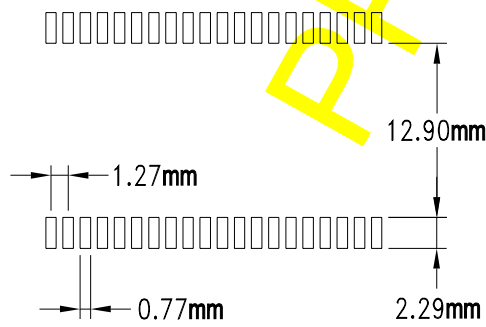


UNIT : mm / inch

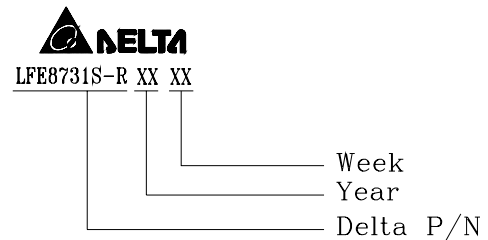
A = 28.33±0.254 / 1.115±0.010
B = 13.30±0.254 / 0.524±0.010
C = 7.62±0.254 / 0.300±0.010
D = 16.00±0.254 / 0.630±0.010
E = 1.27±0.127 / 0.050±0.005
F = 0.46±0.127 / 0.018±0.005
G = 0.254±0.127 / 0.010±0.005
H = 0.254±0.127 / 0.010±0.005
I = 0.80±0.254 / 0.032±0.010
J = 0° ~ 8°
K = 24.13±0.254 / 0.950±0.010



1-1. Marking and Recommended PWB Layout:



(Component Side)
Suggested PWB Layout



* Marking

* This specification is the proprietary of Delta Electronics, Inc.

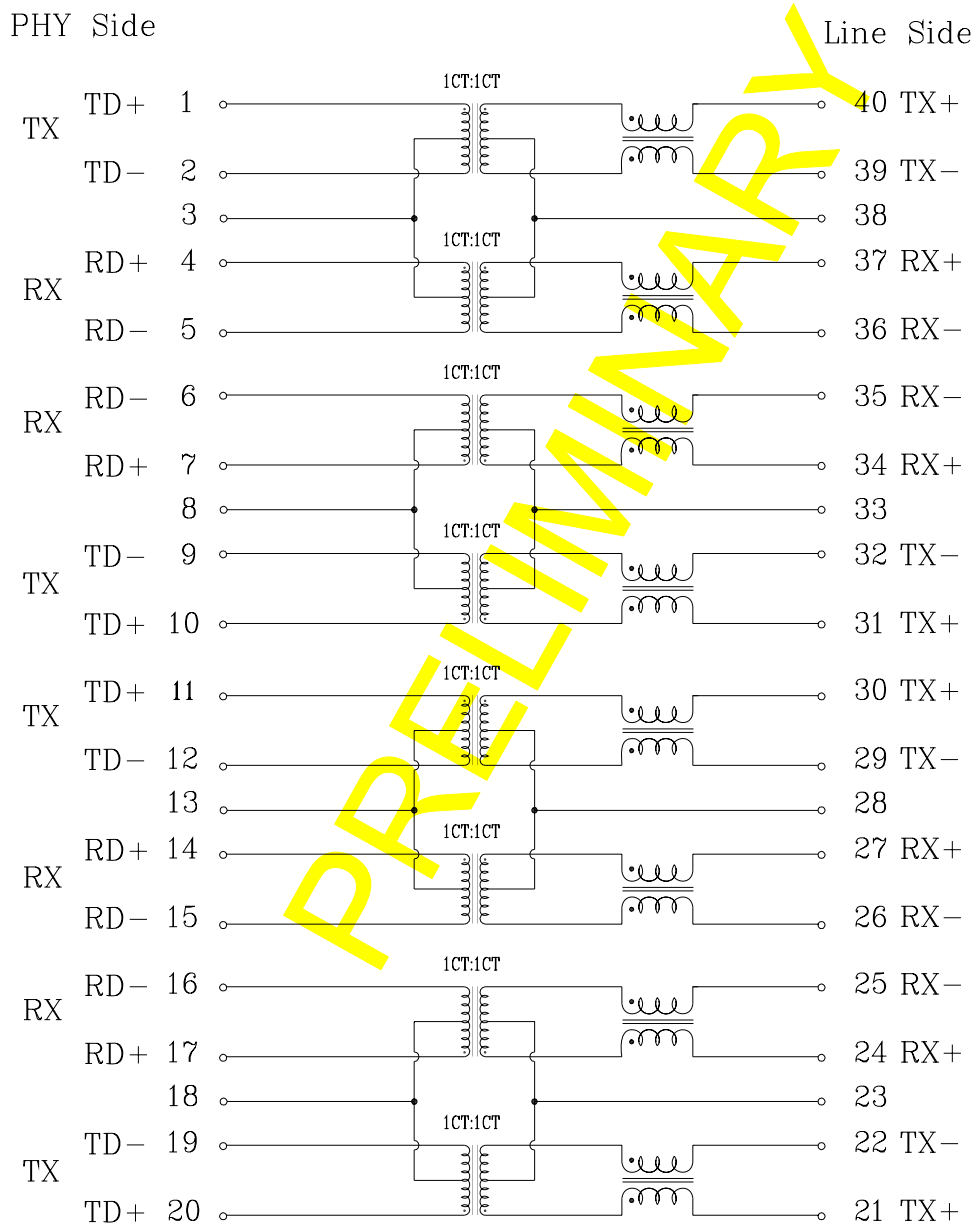
* This specification is only for preliminary review. If formal specification is required, please contact with our local Sales office or Rep.



SPECIFICATION FOR APPROVAL

Customer Part No.: Delta Part No.: LFE8731S-R Part Name: Lan X'FMR (10/100 Base-T Quad Port)	Rev.: B

2. Circuit Schematic:



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SPECIFICATION FOR APPROVAL

Customer Part No.: Delta Part No.: LFE8731S-R Part Name: Lan X'FMR (10/100 Base-T Quad Port)	Rev.: B
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3. Electrical Characteristics: (Temp.: 20~30°C, Humidity: 40~75% RH)

- 3-1. Insertion Loss:
 - 1-100MHz -1.0dB MAX.
- 3-2. Return Loss:
 - 2-30MHz -19dB MIN.
 - 30-60MHz -14dB MIN.
 - 60-80MHz -13dB MIN.
- 3-3. Cross Talk:
 - 1-100MHz -28dB MIN.
- 3-4. Common Mode Rejection:
 - 1-100MHz -30dB MIN.
 - 100-500MHz -13dB MIN.
- 3-5. Primary Inductance: @100KHz, 0.1V
8mA DC Bias 350uH MIN.
- 3-6. Turns Ratio: @100KHz
(Pri : Sec) = 1CT:1CT±3%
- 3-7. 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