



SPECIFICATION FOR APPROVAL

Customer Part No.:

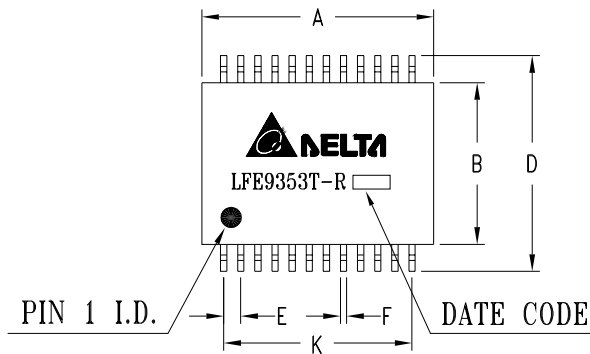
Delta Part No.: LFE9353T-R

Part Name: LAN Filter(1000 Base-T Single Port With High Power POE)

Rev.: A

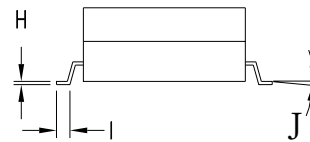
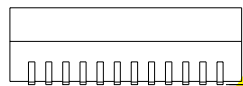


1. Mechanical Dimension:

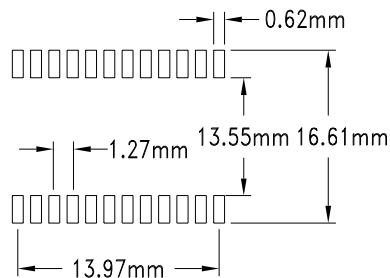


UNIT : mm / inch

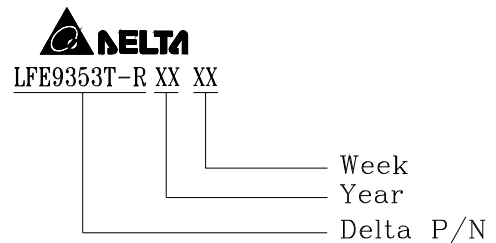
A	=	17.65±0.254	/	0.695±0.010
B	=	13.35±0.254	/	0.526±0.010
C	=	7.18±0.254	/	0.283±0.010
D	=	16.10±0.254	/	0.634±0.010
E	=	1.27±0.127	/	0.050±0.005
F	=	0.50±0.127	/	0.020±0.005
G	=	0.25±0.127	/	0.010±0.005
H	=	0.26±0.127	/	0.010±0.005
I	=	0.90±0.10	/	0.035±0.004
J	=	0°~8°		
K	=	13.97±0.127	/	0.550±0.005



1-1. Marking and Recommended PWB Layout:



(Component Side)
Suggested PWB Layout



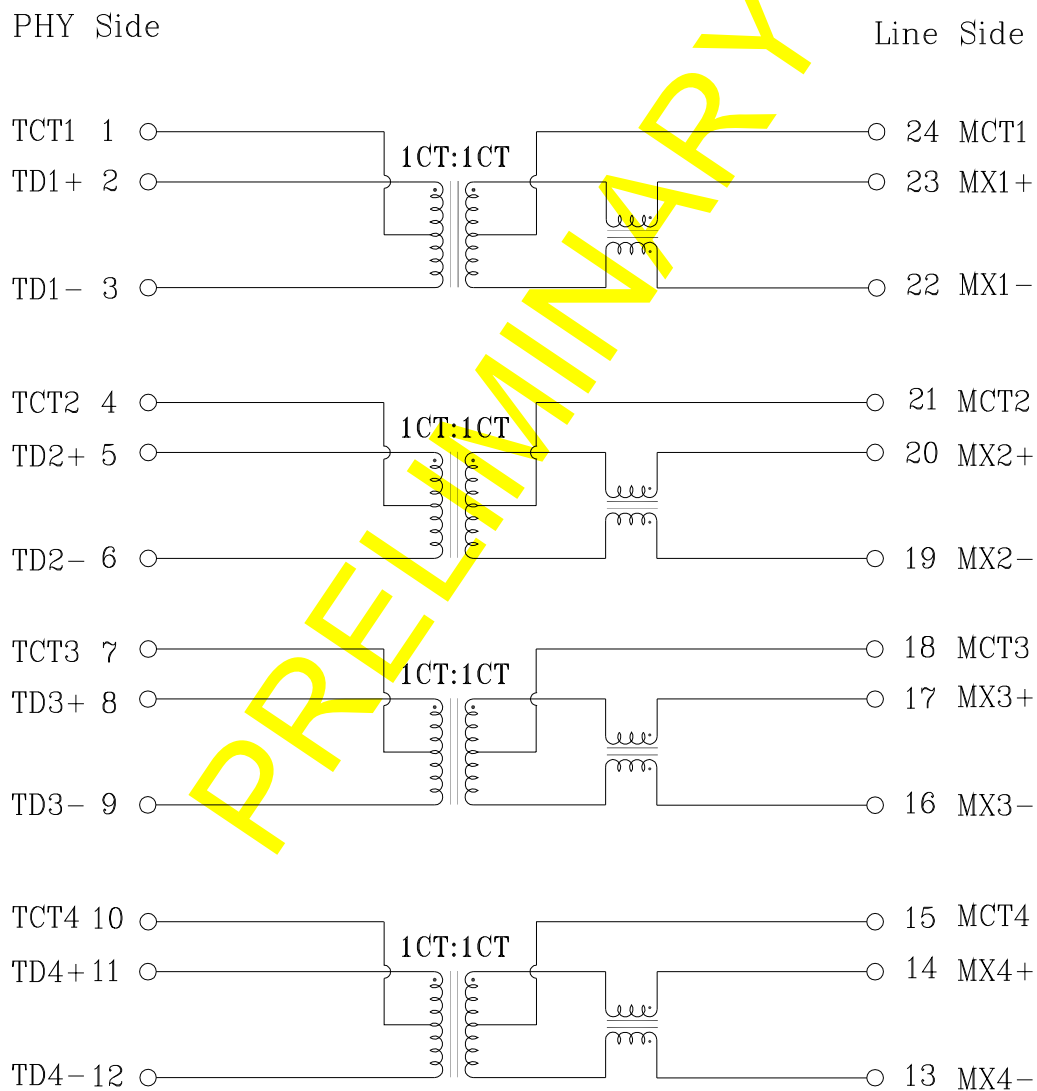
* Marking



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2. Circuit Schematic:





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3. Electrical Characteristics: (Temp.: 20~30°C, Humidity: 40%~75% RH)

- 3-1. Insertion Loss:
 - 1-100MHz -1.0dB MAX.
 - 100-125MHz -1.2dB MAX.
- 3-2. Return Loss:
 - 1-40MHz -16dB MIN.
 - 60MHz -12dB MIN.
 - 80MHz -10dB MIN.
 - 100MHz -8dB MIN.
- 3-3. Cross Talk:
 - 1-100MHz -30dB MIN.
- 3-4. Common Mode Rejection Ratio:
 - 1-100MHz -30dB MIN.
- 3-5. Turns Ratio: @100KHz
(Pri: Sec) = 1CT:1CT±5%
- 3-6. Primary Inductance: @100KHz,0.1V
13mA DC Bias 350uH MIN.
- 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
- * Balance DC Line Current 600mADC MAX. @48VDC Continuous
- * Operate Temperature Range: -40°C~85°C
- * Storage Temperature Range: -40°C~85°C