

# Ethernet Transformer



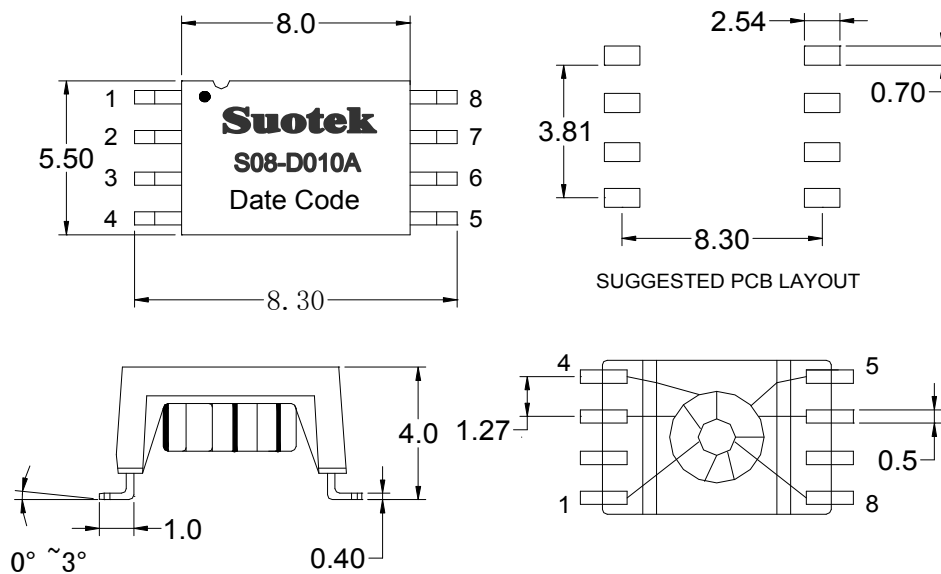
## Electrical Specifications @ 25°C .

### S08-D010A

#### Electrical Specifications :

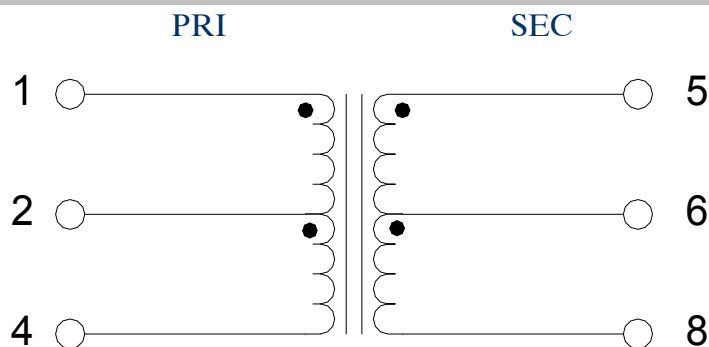
- |                                                                                                             |                                                                               |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 1 ) Turns Ratio :<br>( 1-4 ) : ( 5-8 ) = 1.33CT : 1CT $\pm$ 5%                                              | 4) D.C.Resistance :<br>(1-4) : 0.6 $\Omega$ Max.<br>(5-8) : 0.4 $\Omega$ Max. |
| 2 ) Inductance :<br>( 1-4 ) : 177 $\mu$ H Min. @ 100KHz , 0.1V<br>(5-8 ) : 100 $\mu$ H Min. @ 100KHz , 0.1V | 5 ) Leakage Inductance :<br>(1-4) : 1.0uH Max @ 100KHz 0.1V short5+8          |
| 3 )Capacitance :<br>Cww(1-5) : 25pF Max                                                                     | 6) Hi-Pot :<br>PRI TO SEC: 1500Vrms                                           |

#### Mechanical Dimensions ( mm )



Unless otherwise specified , all tolerances are +/- .010 / 0.25

#### Schematics



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