

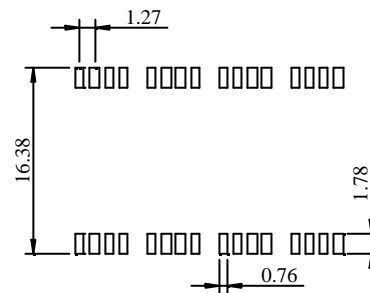
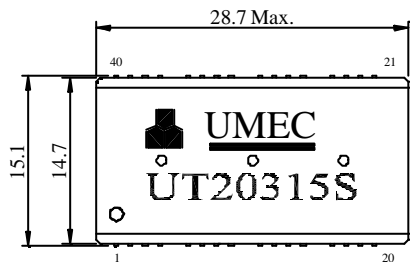
DATA SHEET

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20315S	INDUCTOR MODULE	B1	03/35

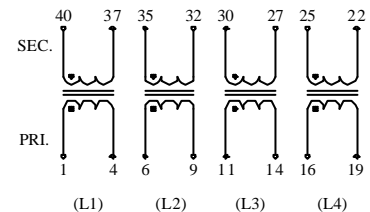
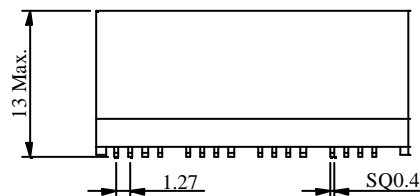
Electrical Specification @25°C :

- Turns ratio : 1:1±3% , @15.75KHz 1V , PIN(1-4):(40-37), PIN(6-9):(35-32)
PIN(11-14):(30-27), PIN(16-19):(25-22)
- Inductance(L1) : 0.482mH±5% , @10KHz 100mV , PIN(1-4),(37-40)
1.928mH±5% , @10KHz 100mV , PIN(1-37),(4-40)tie
Decrease of L PIN(1-37),(4-40)tie with 100mA ≤5%
- Inductance(L2) : 4.6mH±5% , @10KHz 100mV , PIN(6-9),(35-32)
18.4mH±5% , @10KHz 100mV , PIN(6-32),(9-35)tie
Decrease of L PIN(6-32),(9-35)tie with 100mA ≤10%
- Inductance(L3) : 0.872mH±5% , @10KHz 100mV , PIN(11-14),(30-27)
3.49mH±5% , @10KHz 100mV , PIN(11-27),(14-30)tie
Decrease of L PIN(11-27),(14-30)tie with 100mA ≤6%
- Inductance(L4) : 1.337mH±5% , @10KHz 100mV , PIN(16-19),(25-22)
5.346mH±5% , @10KHz 100mV , PIN(16-22),(19-25)tie
Decrease of L PIN(16-22),(19-25)tie with 100mA ≤6%
- DCR : 2Ω Max. PIN(1-37),(4-40)tie
15Ω Max. PIN(6-32),(9-35)tie
4Ω Max. PIN(11-27),(14-30)tie
7Ω Max. PIN(16-22),(19-25)tie
- HI-POT : 400Vrms/2sec. Leakage Current 0.5mA Max. Pri. To Sec.
- Operating Temperature : -40°C to +85°C

Dimensions & Schematic:



SUGGESTED PCB PAD LAYOUT



CUT PIN 5,10,15,20,21,26,31,36

TOLERANCE:±0.2 UNIT: mm

- NOTE : 1. Packaging Information-Tape And Reel According To Item No."SO40H " Of Data Sheet 01-00
2. Specifications Are Subject To Change Without Prior Notice



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E10-007-C