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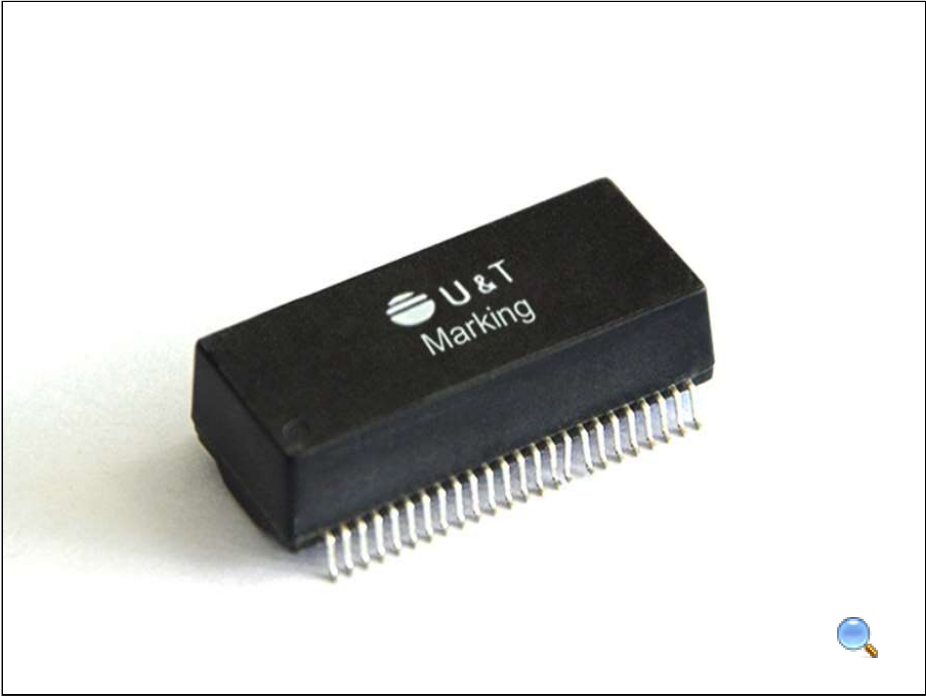


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Details



2.5G BASE-T Dual Port Magnetic Module

P/N: UTV48C01 DATA SHEET

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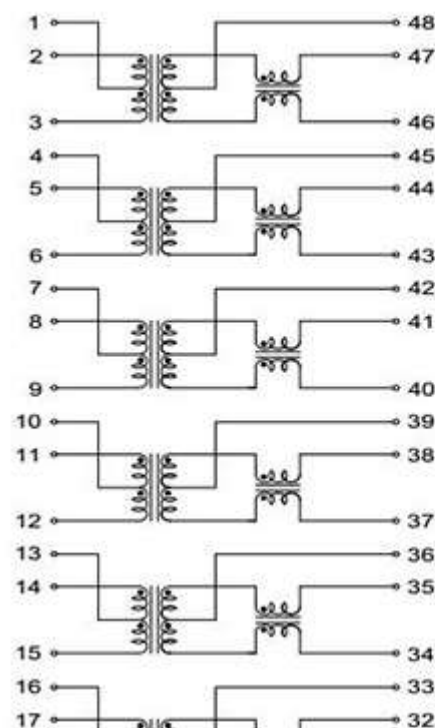
Feature

- Comply with RoHS requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: 0°C to +85°C.

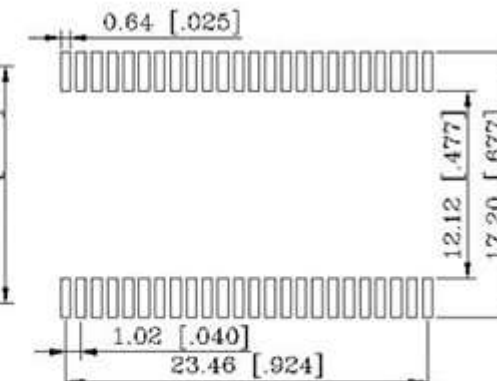
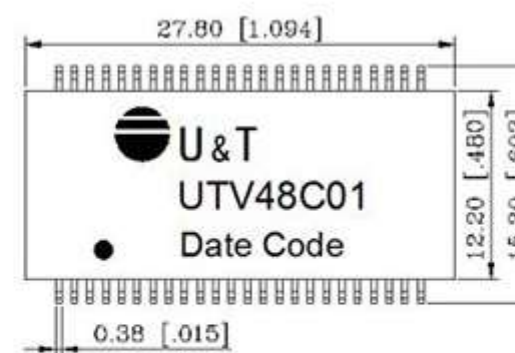
Electrical Specifications @ 25°C

OCL:	180uH Min. @100KHz/0.1V with 8mA DC Bias
Hi-POT :	1500Vrms
Turn Ratio:	1:1±3%
D.C.R:	1.0 ohm Max
Insertion Loss:	1.0dB Max@1-100MHz 1.5dB Max@125MHz
Cross Talk :	30dB Min@1-125MHz
DM-CM Rejection	35dB Min@1-125MHz
CM-CM Rejection	30dB Min@1-200MHz
Return Loss:	18dB Min @1-40MHz 18-15log(f/40MHz)dB Min@40-200MHz

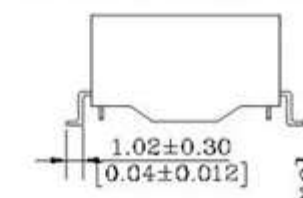
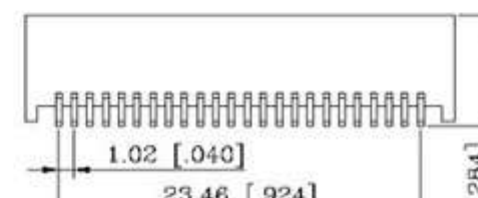
Schematic

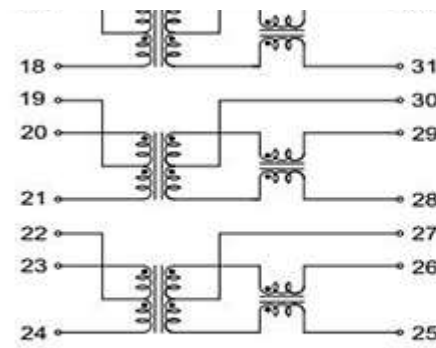


Mechanical



SUGGESTED PAD LAYOUT





1.Unless otherwise specified, all tolerances are ± 0.25 [01]

2.Coplanarity: 0.1 [004]

3.Unit mm[inch]

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Key words :

LINK:

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