



### 10GBase-T Ethernet Transformer

You can rest assured to buy 10GBase-T Ethernet Transformer from JASN factory and we will offer you the best after-sale service and timely delivery. The PN T48C01S provide 10G speed rate and has SMD package.

Model:T48C01S

You can rest assured to buy customized 10GBase-T Ethernet Transformer from JASN. We look forward to cooperating with you, if you want to know more, you can consult us now, we will reply to you in time!

### Feature

Comply with RoHS requirements.

Comply with IEEE802.3an

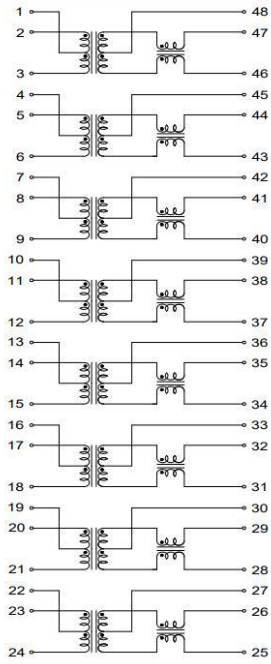
Operating temperature range: 0°C to +70°C.

Storage temperature range: -25°C to +125°C.

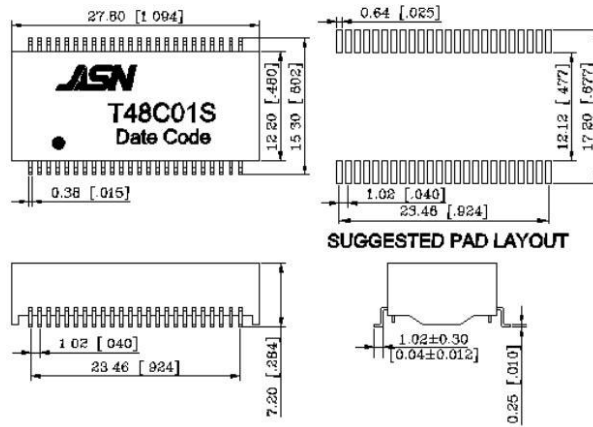
### Electrical Specifications @ 25°C

OCL:	120uH Min. @100KHz/0.1V
Hi-Pot :	1500Vrms
Turns Ratio:	1CT:1CT±3%
D.C.R:	1.0 ohm Max
Insertion Loss:	-1.5dB Max@1-250MHz
	-3.0dB Max@250-500MHz
Return Loss	-16dB Min@ 1-40MHz
	-16+10log(f/40)dB Min@40-500MHz
Crosstalk	-35dB Min@ 1-100MHz
	-30dB Min@ 100-500MHz
CMRR	-30dB Min@ 1-250MHz
	-20dB Min@ 250-500MHz

Schematic



Mechanical



1. Unless otherwise specified, all tolerances are  $\pm 0.25[.01]$
2. Coplanarity:  $0.1[.004]$
3. Unit mm