



### 5GBase-T Ethernet Transformer

JASN 5GBase-T Ethernet Transformer offers perfect functions and superior performance. Y48C50S is 5G Base-T Dual Port Magnetics Module.

Model:Y48C50S

JASN is 5GBase-T Ethernet Transformer manufacturers and suppliers in China who can wholesale 5GBase-T Ethernet Transformer. We can provide professional service and better price for you.

### Feature

Comply with IEEE802.3bz.

Comply with RoHS requirements.

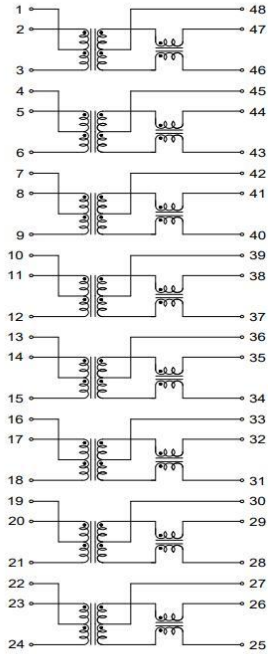
Operating temperature range: 0°C to 70°C

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

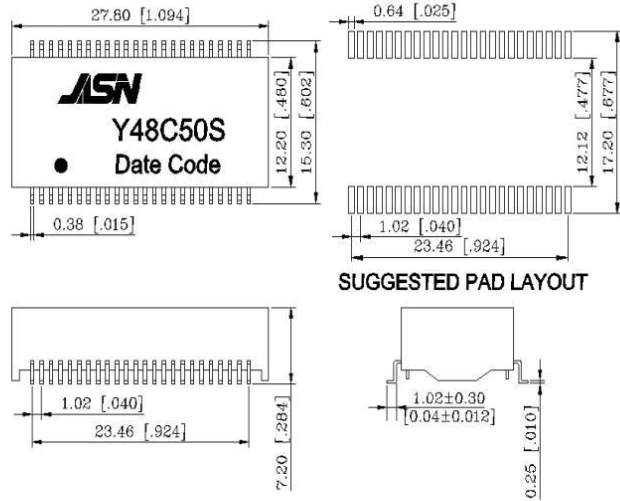
### Electrical Specifications @ 25°C

Inductance	180uH Min. @100KHz/0.1V
Hi-POT	1500Vrms
Turn Ratio	1.01±3%
D.C.R.O	1.0 ohm Max
Insertion Loss	-1.0dB Max @1-100MHz
	-2.5dB Max @100-250MHz
Cross Talk	-30dB Min@ 1-250MHz
	-25dB Min@ 125-250MHz
CMRR	-30dB Min@ 1-125MHz
	-25dB Min@ 125~250MHz
Return Loss	-16dB Min @1-40MHz
	-16dB Min @40-250MHz

Schematic



Mechanical



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