



### 10/100Base-T Pulse Transformer

JASN is a professional Pulse transformer manufacturer, you can rest assured to buy 10/100Base-T Pulse Transformer from our factory and we will offer you the best after-sale service and timely delivery. The PN H16C01SW can support industry temp application.

Model:H16C01SW

JASN as the professional manufacturer, we would like to provide you 10/100Base-T Pulse Transformer. And we will offer you the best after-sale service and timely delivery.

#### Feature

Compliant with IEEE 802.3u standard.

Comply with RoHS requirements.

Suitable for End-span PoE applications with 350mA current capability

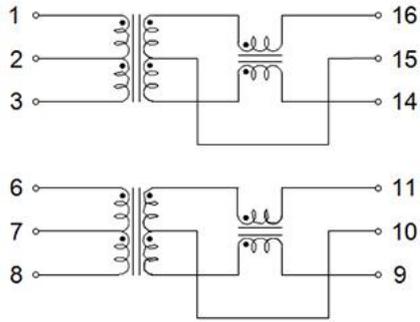
Operating temperature range: -40°C to +85°C.

Storage temperature range: -40°C to +105°C.

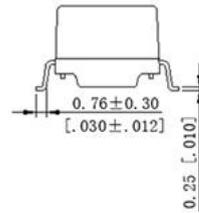
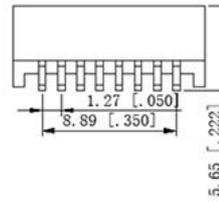
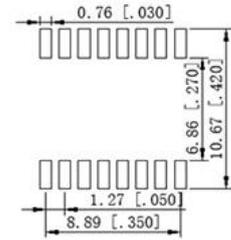
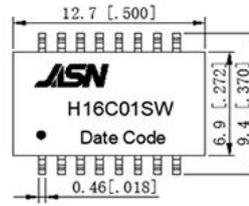
#### Electrical Specifications @ 25°C

OCL:	350uH Min. @100KHz/0.1V with 8mA DC Bias				
Hi-POT :	1500VAC 1mA 2S				
Turn Ratio:	1:1±3%				
LK:	0.5uH Max @100KHz/0.2V				
Cw/w	35PF Max @100KHz/0.2V				
D.C.R:	1.2 ohm Max				
Insertion Loss:	1-100MHz: -1.0dB Max				
Cross Talk :	1-100MHz: -30dB Min				
Return Loss:	1-30MHz	40MHz	50MHz	60-80MHz	80-100MHz
	-18dB Min	-14.4dB Min	-13.1dB Min	-12dB Min	-10dB Min

Schematic



Mechanical



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