



### 1000Base-T Ethernet Transformer

JASN is China manufacturer & supplier who mainly produces 1000Base-T Ethernet Transformer with many years of experience. PN G24C28SQ can support PoE option and industry application.

Model:G24C28SQ

JASN 1000Base-T Ethernet Transformer have characteristic design & practical performance & competitive price, for more information on the 1000Base-T Ethernet Transformer, please feel free to contact us.

### Feature

Compliant with IEEE802.3ab&802.3at standard.

Suitable for End-span PoE applications with 720mA current capability.

Comply with RoHS requirements.

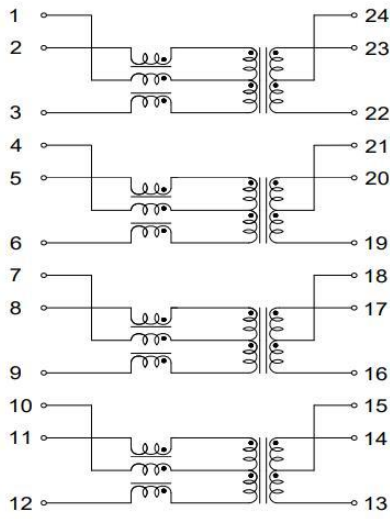
Operating temperature range: -40 to + °C 85°C.

Storage temperature range: -40°C to +125°C

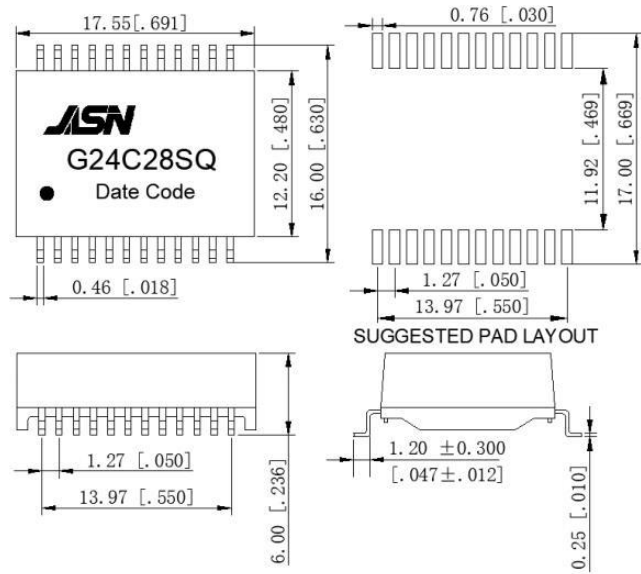
### Electrical Specifications @ 25°C

OCL:	120uH Min. @100KHz/0.1V with 28mA DC Bias (-40°C+85°C)				
Hi-POT :	1500Vrms				
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 :	30MHz	60MHz		100MHz	
	-45dB Min	-40dB Min		-35dB Min	
Return Loss:	1-30MHz	40MHz	50MHz	60-80MHZ	80-100MHZ
	-18dB Min	-14.4dB Min	-13.1dB Min	-12dB Min	-10dB Min
DCMR	30MHz	60MHz		100MHz	
	-43dB Min	-37dB Min		-33dB Min	

**Schematic**



**Mechanical**



Unless otherwise specified, all tolerances are ±0.25