

# Ceviconn

## Product Specification

<b>Product Name</b>	<b>GL1P2017</b>
<b>Product Type</b>	<b>Single Port SMD Transformer Module</b>
<b>System Application</b>	<b>100/1000Base With uPoE and POE Plus</b>
<b>Author</b>	<b>Sundi Lin</b>
<b>Approved By</b>	<b>Alvin Liou</b>

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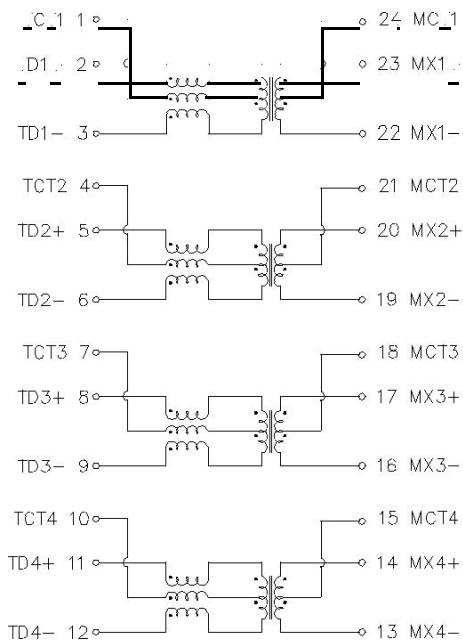
## Feature :

1. Meets IEEE 802.3 specification with 720mA max. current capability.
2. Operating temperature range: -40°C to +85°C
3. Storage temperature range: -40°C to +125°C

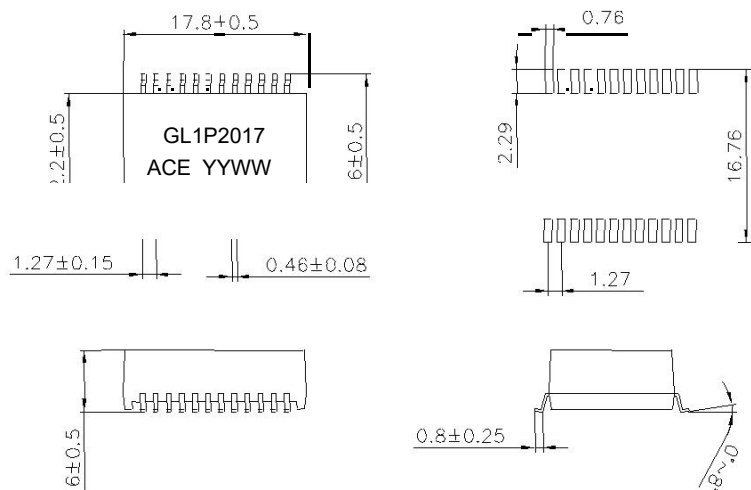
## Specifications :@ 25<sup>0</sup>C

1. Turn Ratio	1CT :1CT ±5%	
2. Inductance	350uH Min.	@100KHz,100mV, with 8mA DC Bias
3. Insertion Loss	-1.0 dB Max.	@1-100MHz
4. Return loss	-18.0 dB Min.	@1-30MHz
	-14.4 dB Min.	@40MHz
	-13.1 dB Min.	@50MHz
	-12.0 dB Min.	@60-80MHz
	-10.0 dB Min.	@100MHz
5. Cross talk	-45.0 dB Min.	@30MHz
	-40.0 dB Min.	@60MHz
	-35.0 dB Min.	@100MHz
6. DCMR	-43.0dB Min.	@30MHz
	-37.0dB Min.	@60MHz
	-33.0dB Min.	@100MHz
7. Voltage isolation	1500 Vrms.	

## Schematic:



## Dimension: mm



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## Revision History:

Rev.	Author	Approved by	Description of change	Issued date
0	Sundi	Alvin	New release	2013/5/21
1	Sundi	Alvin	Add uPoE in Application description	2015/4/16