

DC/DC Transformer

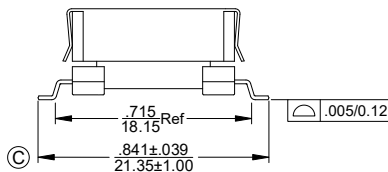
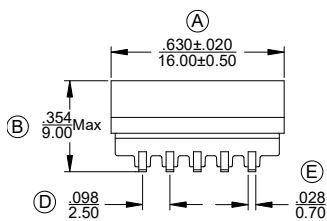
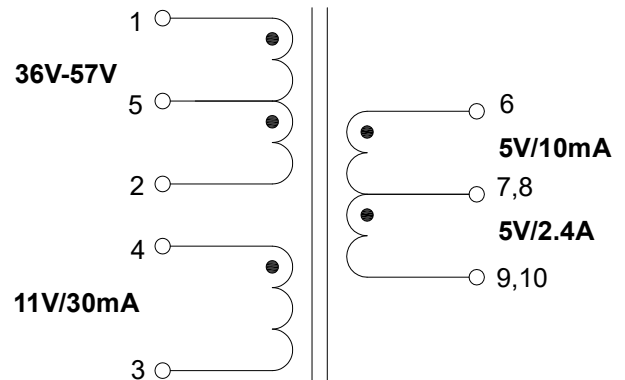
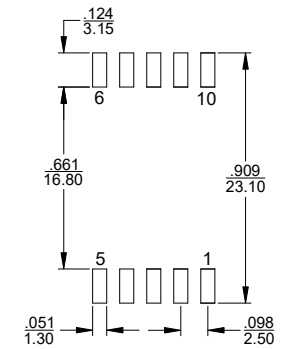
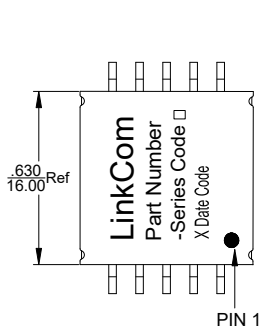
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C	
Inductance:	PIN 1-2 = 120.0uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 1-2 = 1.50uH Max. @ 100KHz/0.1V (Pin 4,3 shorted and Pin 10,9,8,7,6 shorted)
D.C.R	PIN 1-2 = 215.0 mohm Max.
	PIN 4-3 = 210.0 mohm Max.
	PIN 6-7 = 82.0 mohm Max.
	PIN 7,8-9,10 = 9.83 mohm Max. (Pin 7,8 shorted and Pin 9,10 shorted)
Turn Ratio:	PIN 1-2 : PIN 4-3 = 2.73±3%:1
	PIN 1-2 : PIN 6-7 = 6.00±3%:1
	PIN 1-2 : PIN 7,8-9,10 = 6.00±3%:1 (Pin 7,8 shorted and Pin 9,10 shorted)
Hi-POT :	PRI. – SEC. = 1500VAC/2Sec/1mA

Dimensions

Schematic

((Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm\frac{.010}{0.25}$)



Mark

- 1.Part Number----PH1205
- 2.Series Code---001S
- 3.□---Blank
- 4.X----PRODUCT LINE or BLANK
- 5.DATE CODE----YYWW

Package info

PH1205-001SR - Tape reel

Winding Method

Winding Method:							
	Start	Finish	Winding (Tape)	Turns	TUBE S/F	W/M	备注
1	1	5	Φ0.23*2	15			
2			Tape	1.5			
3	6	7	Φ0.15*2	5			
4			Tape	1.5			
5	7	9	Φ0.27*3	5			
	8	10					
6			Tape	1.5			
7	4	3	Φ0.15*2	11			
8			Tape	1.5			
9	5	2	Φ0.23*2	15			
10			Tape	2.0			