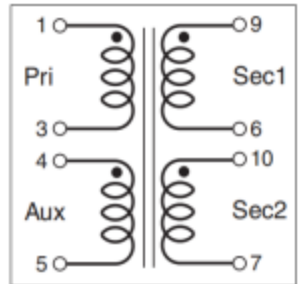


	mm	inch
A	13.0	0.512
B	14.5 Max	0.571 Max
C	14.0 Max	0.551 Max
D	17.7 Max	0.697 Max
E	1.0	0.039
F	0.10 Max	0.004 Max
G	2.50	0.098
H	0.70	0.028
I	14.99	0.590
J	1.55	0.061
K	2.50	0.098
L	1.27	0.050



- RoHS Compliant.
- Forward transformers for PoE(Power over Ethernet) up to 72 Watts.
- Operates in condition model with 9V~57V input.
- Very low power loss ferrite core used, operation frequency up to 500kHz.
- 1500Vrms,one minutes isolation between Primary and Secondary.
- Dual outputs can be configured as one single higher power output.
- Operating temperature range: -40°C to +125°C(Including coil temperature rise due to self-generated heat).
- Storage temperature range: -40°C to +85°C.
- NT Weight: 7.1~8.0g.
- Packing: 13' machine-ready reel. EIA-481 embossed plastic tape.
- Packing Qty: 150 parts per full reel.

Part No.		Power (Watts)	Inductance @ 0A (uH) (*1)	DCR Max(mOhm)				Leakage inductance Max(uH)(*2)	Turns ratio Pri:Sec1:Sec2:Aux	Input (V)	Output (*3)	Marking
Coilcraft	HHd			Pri	Sec1	Sec2	Aux					
POE33PR-33ED	ODM098-01	33	128 ± 15%	17	12.5	12.5	145	0.10	1:0.625:0.625:0.75	9~57	3.3 V, 5.0 A	POE33PR-33E
POE53PR-33ED	ODM098-02	53	100 ± 15%	30	6.5	6.5	120	0.40	1:0.167:0.167:0.50	32~57	3.3 V, 8.0 A	POE53PR-33E
POE35PR-50ED	ODM098-03	35	128 ± 15%	17.6	23	23	340	0.15	1:0.875:0.875:1.75	9~57	5.0 V, 3.5 A	POE35PR-50E
POE70PR-50ED	ODM098-04	70	100 ± 15%	30	10	10	120	0.40	1:0.250:0.250:0.50	32~57	5.0 V, 7.0 A	POE70PR-50E
POE38PR-12ED	ODM098-05	38	128 ± 15%	17.6	122	122	340	0.15	1:2.125:2.125:1.75	9~57	12 V, 1.6 A	POE38PR-12E
POE72PR-12ED	ODM098-06	72	100 ± 15%	38	27	27	120	0.25	1:0.583:0.583:0.50	32~57	12 V, 3.0 A	POE72PR-12E

(Electrical specifications at 25°C.)

- \*1. Inductance is for the primary, measured at 200 kHz/0.1 Vrms/0 Adc.
- \*2. Leakage inductance measured for the primary with all other pins shorted.
- \*3. Output is for each secondary. Out put of the aux winding is 10V/50mA.