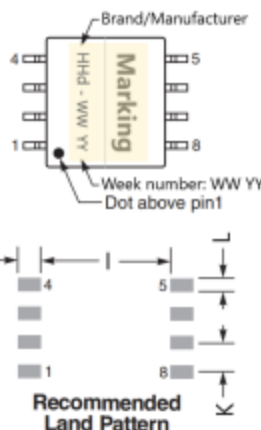
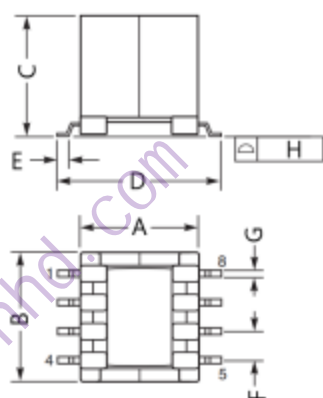


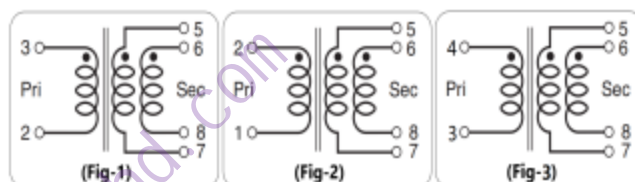
# (Coilcraft Alternative)PoE Transformer

## Coilcraft Alternative- FA2671,FA2672,FA2732



	mm	inch
A	10.5 Max	0.413 Max
B	12.7 Max	0.500 Max
C	11.0 Max	0.433 Max
D	15.24 Max	0.600 Max
E	1.05	0.041
F	2.50	0.098
G	0.50	0.024
H	0.10 Max	0.004 Max
I	11.68	0.460
J	2.03	0.080
K	2.50	0.098
L	1.27	0.050

- RoHS Compliant.
- Designed for PoE(Power over Ethernet) PD controllers for the application up to 15 Watts.
- Operates in condition model with 32V~72V input.
- Very low power loss ferrite core used, operation frequency up to 500kHz.
- 1500Vrms, one minutes isolation between Primary and Secondary.
- 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: 3.8~4.0g.
- Packing: 13' machine-ready reel. EIA-481 embossed plastic tape.
- Packing Qty: 200 parts per full reel.



Secondary windings to be connected in parallel on PC board

Part No.		Power (Watts)	Inductance @ 0A (uH) (*1)	Inductance @ Ipk Min(uH)(*2)	DCR Max(Ohm)(*3)		Leakage Inductance Max(uH)(*4)	Turns ratio Pri : Sec (*5)	Ipk (A) (*2)	Output (*6)	Circuit	Marking
Coilcraft	HHd				Pri	Sec						
FA2671-AL	ODM099-01	10.5W	40	36	0.098	0.023	0.395	1 : 0.3	1.3	3.3V,3.1A	Fig-1	FA2671-AL
FA2672-AL	ODM099-02	12.5W	40	36	0.098	0.045	0.340	1 : 0.4	1.3	5.0V,2.5A	Fig-1	FA2672-AL
FA2732-AL	ODM099-03	15.0W	40	36	0.098	0.156	0.370	1 : 1	1.3	12V,1.25A	Fig-1	FA2732-AL
FB2671-AL	ODM099-04	10.5W	40	36	0.098	0.023	0.395	1 : 0.3	1.3	3.3V,3.1A	Fig-2	FB2671-AL
FB2672-AL	ODM099-05	12.5W	40	36	0.098	0.045	0.340	1 : 0.4	1.3	5.0V,2.5A	Fig-2	FB2672-AL
FB2732-AL	ODM099-06	15.0W	40	36	0.098	0.156	0.370	1 : 1	1.3	12V,1.25A	Fig-2	FB2732-AL
FC2671-AL	ODM099-07	10.5W	40	36	0.098	0.023	0.395	1 : 0.3	1.3	3.3V,3.1A	Fig-3	FC2671-AL
FC2672-AL	ODM099-08	12.5W	40	36	0.098	0.045	0.340	1 : 0.4	1.3	5.0V,2.5A	Fig-3	FC2672-AL
FC2732-AL	ODM099-09	15.0W	40	36	0.098	0.156	0.370	1 : 1	1.3	12V,1.25A	Fig-3	FC2732-AL

(Electrical specifications at 25°C.)

- \*1. Inductance is for the primary, measured at 400 kHz/0.4 Vrms/0 Adc.
- \*2. Ipk is peak primary current drawn at minimum input voltage.
- \*3. DCR for the secondary is per each winding.
- \*4. Leakage inductance measured for the primary with all secondary pins shorted.
- \*5. Turns ratio is with the secondary windings connected in parallel.
- \*6. Output is with the secondary windings connected in parallel.