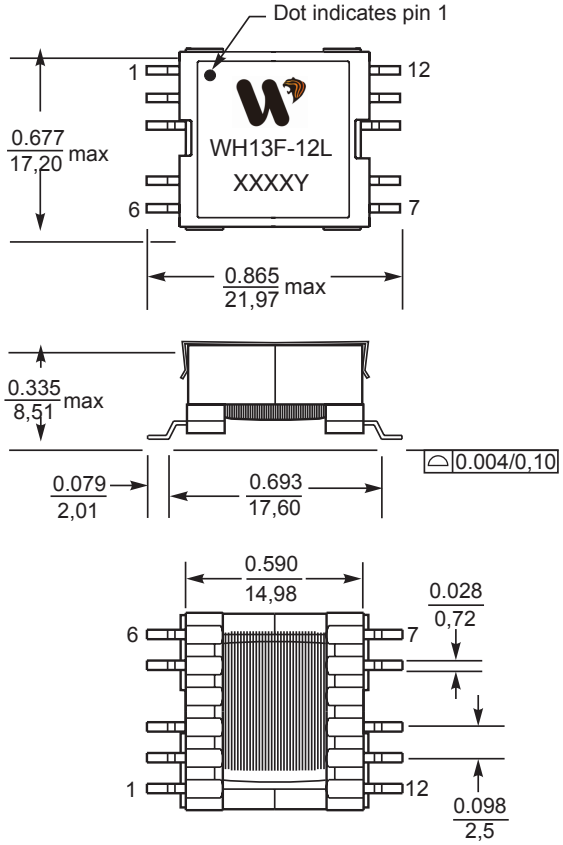
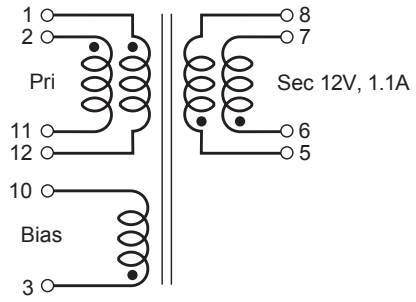
REACH & RoHS COMPLIANT

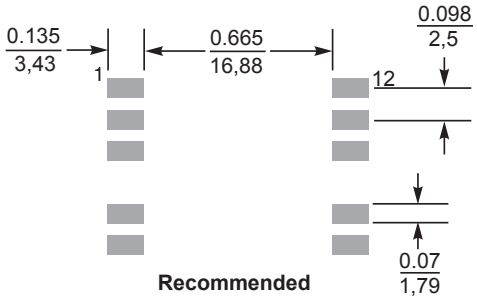
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.Qu	2020.06.02



Dimensions are in inches / mm



Primary windings and secondary windings to be connected in parallel on PC board.



Recommended Land Pattern

- Flyback transformers for 6 W and 13 W PoE applications
- Designed to operate with 36 – 72 V input at 250 kHz
- 1500 Vrms. one minute isolation primary and bias to secondary

Terminations RoHS tin-silver over tin over nickel over phos bronze.
Weight 5.0 – 5.6 g
Ambient temperature –40°C to +125°C
Storage temperature Component: –40°C to +125°C.
Tape and reel packaging: –40°C to +80°C

1. Inductance is for the primary, measured at 250 kHz, 0.3 Vrms.
2. Peak primary current drawn at minimum input voltage.
3. DCR for the primary and for the secondary are with the windings connected in parallel.
4. Leakage inductance is for the primary windings with the secondary windings shorted.
5. Turns ratios are with the primary the secondary windings connected in parallel.
6. Output of the secondary is with the windings connected in parallel. Bias winding output is 12 V, 20 mA.
7. Electrical specifications at 25°C.

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Part number[1]	Power (W)	Inductance at 0 A[2] ±10% (µH)	Inductance at Ipk[3] min (µH)	DCR max (Ohms)[4]			Leakage inductance[5] max (µH)	Turns ratios[6]		Ipk[3] (A)	Output[7]
				pri	sec	bias		pri : sec	pri : bias		
WH13F-12L	13	35	31.5	0.095	0.017	0.150	0.6	1 : 0.35	1 : 0.35	2.0	12V, 1.1A