

25W PoE+ Flyback Transformer

ME35201 Designed for use with
Linear Tech. / Analog Devices IC (ADI) LTC4278



† Meet IEEE802.3at (PoE+, Type 2), Output 12V/2A, 25W

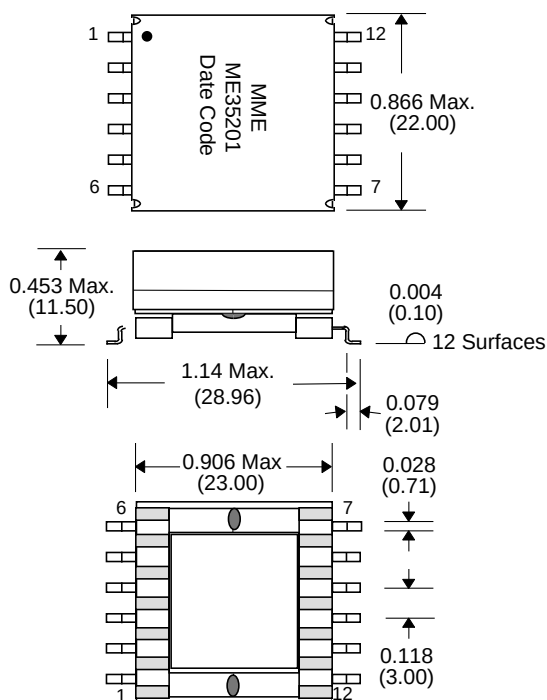


- Operating Temperature : -40°C to +125°C
- Used in 25W PoE+ Flyback Topology
- UL 94V-0 Recognized Components
- UL 1446 Class B (F Optional) Insulation System
- Switching Frequency : 250 KHz
- EFD20 Geometry Package
- Duty Cycle : 62% Max.

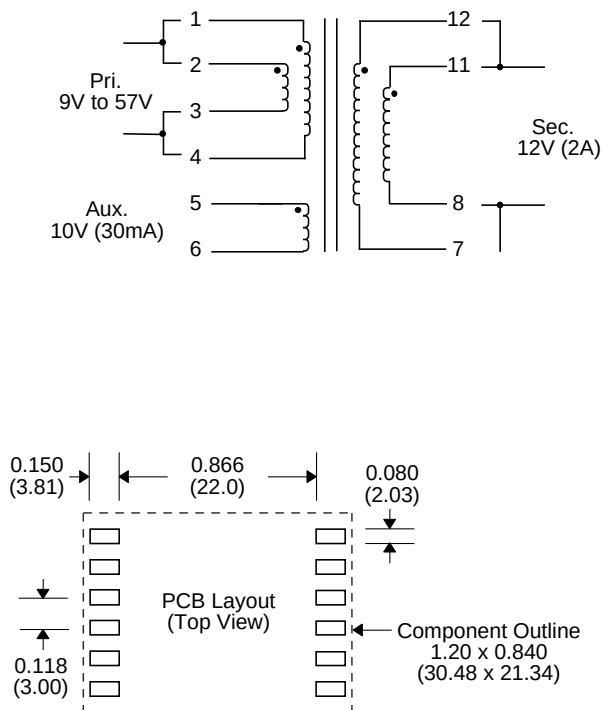
Electrical Parameters @ 25° C

Inductance ($\mu\text{H} \pm 5\%$)	DCR (m Ω Typ.)			Turns Ratio		Cw-w (pF Typ.)	Leakage Inductance (μH Max.)	Dielectric Rating (Vrms)
@ 100 KHz, 1.0 Vrms						@ 100 KHz, 1.0 Vrms	@ 100 KHz, 1.0 Vrms	
9.0	13.5	300	12	1:0.875	1:0.75	87	0.25	1500
Pri.	Pri.	Aux.	Sec.	Pri.:Sec.	Pri.:Aux.	Pri. to Aux. and Sec.	Pri. w/ Aux. and Sec. shorted	Wdg. - Wdg. Wdgs. - Core

Package



Schematic



Notes :	ME35201
1. Lead Finish	Hot Tin Dip (Sn) or SnCu
2. Peak Solder Rating (for wave solder process Only)	260°C
3. Weight	14.5 grams
4. Packaging Information (Tray & Reel)	40 pcs / Tray & 150 pcs / Reel

Unless Otherwise Specified Dimensions are in Inches /mm $\pm .010 / .25$