

25W PoE+ Flyback Transformer



ME35132 Designed for use with Linear
Tech. / Analog Devices IC (ADI)
LT4276 & LTC4269-1

† Meet IEEE802.3at (PoE+, Type 2), Output 5V/5A,25W

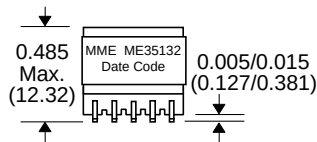
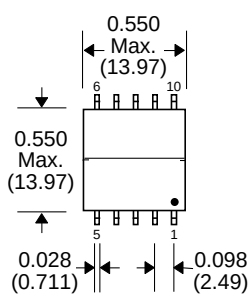


- Operating Temperature : -40°C to +125°C
- Used in 25W PoE+ Synchronous Flyback Topology
- UL 94V-0 Recognized Components
- UL 1446 Class B (F Optional) Insulation System
- Switching Frequency : 250 KHz
- EP13 Geometry Package, Small Size and Cost Effective
- Duty Cycle : 42% Max.

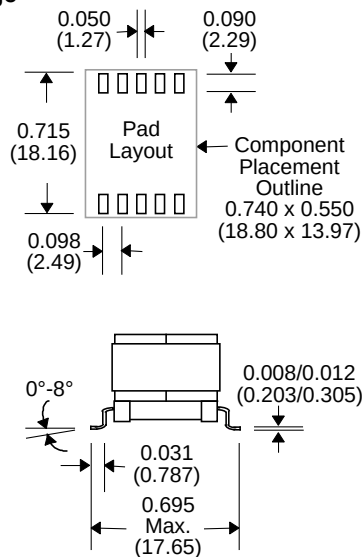
Electrical Parameters @ 25° C

Primary OCL ($\mu\text{H} \pm 10\%$)	Input Voltage (Vdc)	Secondary Output	Auxiliary Output	Leakage Inductance (μH Max.)	Turns Ratio	DCR (Ω Max.)		
@ 100 KHz, 1.0 Vrms				@ 100 KHz, 1.0 Vrms	Aux : Pri : Sec.	Pri.	Sec.	Aux.
39	36-57	5.0V (5A)	12V (200 mA)	0.60	1: 2 : 0.4: 0.4	0.085	0.015	0.09
Pins 3-5	Pins 3-5	Pins 10/9 -7/6	Pins 1-2	Pins 3-5 with others shorted	Pins 1-2:3-5:10-7:9-6	Pins 3-5	Pins 9-6 or Pins10-7	Pins 1-2

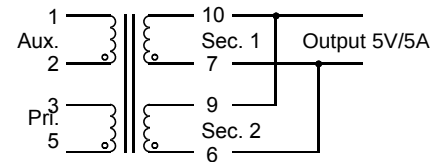
- Isolation : 1500 Vrms (Wdg-Wdg, Wdgs. to Core) •



Package



Schematic



Notes :		ME35132
1. Lead Finish		Hot Dipped Sn or SnCu
2. Peak Solder Rating		245°C
3. Weight		5.6 grams
4. Packaging Information	Tube :	40 pieces/tube
	Tape & Reel :	200 pieces/13" reel

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