




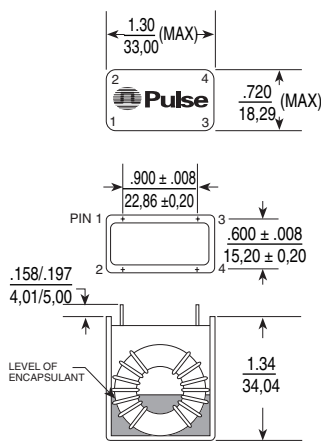
# 500 kHz COMMON MODE EMI INDUCTORS



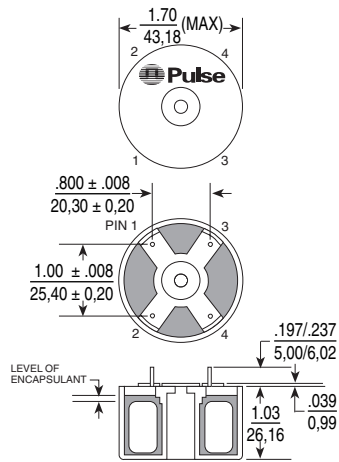
-  Common mode EMI Inductors
-  Designed for higher frequency power conversion
-  For use in SMPS input filtering circuits

## Mechanicals

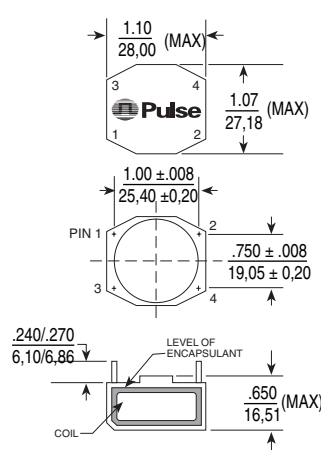
### CASE 1<sup>1</sup>



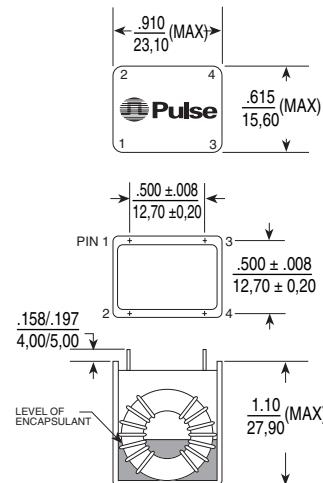
### CASE 2<sup>2</sup>



### CASE 3<sup>1</sup>



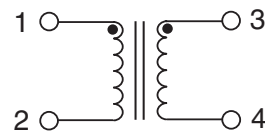
### CASE 4<sup>1</sup>



## Elect. Specs. @ 25°C— Operating Temp. -40° to +130° C

Part Number	Rated RMS Current (A.Normal)	Inductance mH (± 30%)	DCR (Ω MAX)	Case Style	Leakage Inductance (MIN/MAX μH)
PE-96161	0.5	33	1.40	3	160/320
PE-96165	1.0	18	0.50	1	120/320
PE-96166	1.0	5.6	0.30	3	30/60
PE-96168	2.0	15	0.29	1	100/220
PE-96173	3.15	5.6	0.10	1	40/80
PE-96175	3.15	3.3	0.07	3	15/35
PE-96177	3.15	2.2	0.06	3	10/20
PE-96178	3.15	1.2	0.04	3	6/15
PE-96179	3.15	1.2	0.04	4	5/14
PE-96181	5.0	3.9	0.06	1	25/60
PE-96186	6.3	2.7	0.04	1	20/45
PE-96187	8.0	3.3	0.033	2	20/45
PE-96188	10.0	1.8	0.02	2	10/25
PE-96189	12.5	1.5	0.015	2	10/20
PE-96190	15.0	1.0	0.01	2	7/15

## Schematic



- NOTES:** 1. Leads have  $\frac{.031/.039}{.700/.900}$  diameter.  
 2. Self-leaded: **96187** has .036 nom. diameter leads.  
**96188 & 96189** have .045 nom. diameter leads.  
**96190** has .051 nom. diameter leads.

**Dimensions:**  $\frac{\text{Inches}}{\text{mm}}$  Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0,25}$

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