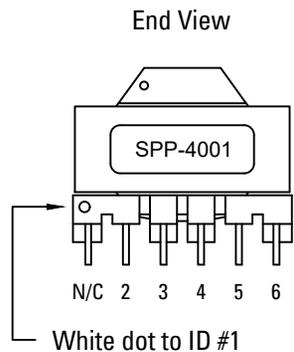
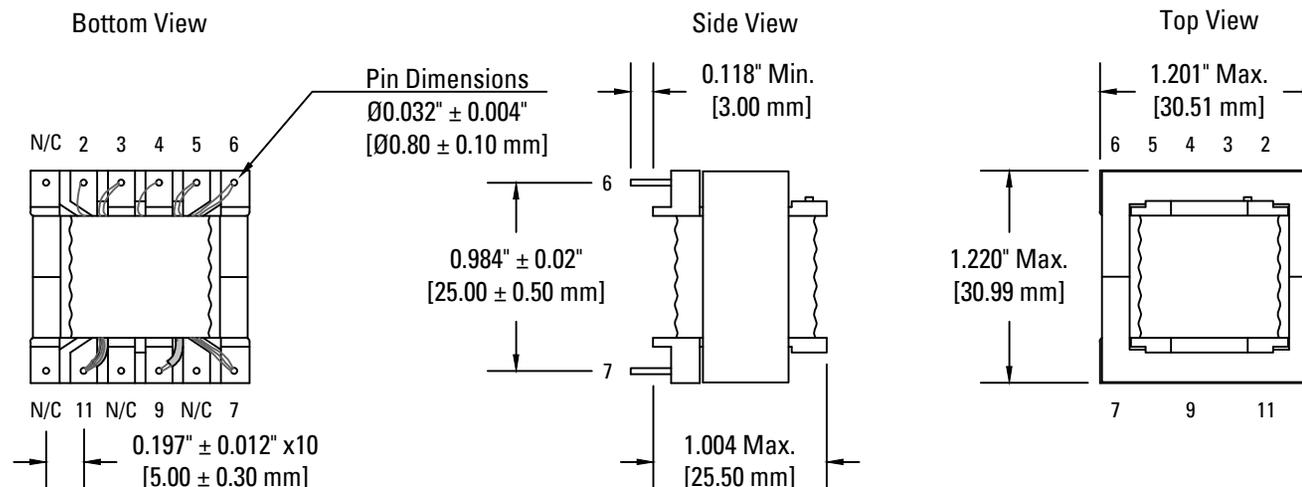


SPP-4001 Data Sheet

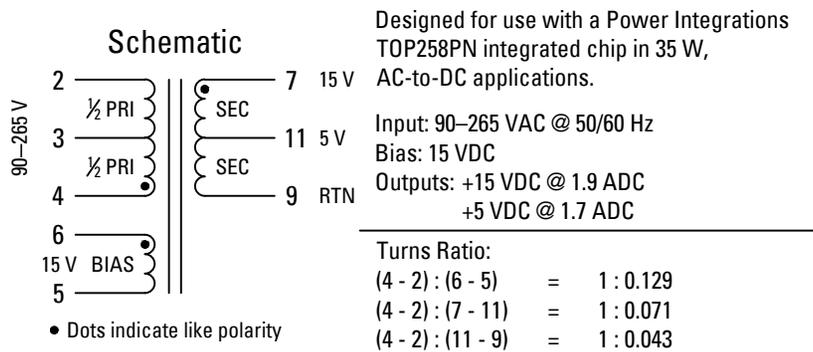


Prem's **SPP-4001** is a switchmode, through-hole PCB-mounting transformer. It is designed to be used with a Power Integrations TOP258PN (*TOPSwitchHX* family) integrated chip in a 35 W AC-to-DC flyback for an LCD monitor power supply application.

- Designed with greater than 3.0mm creepage per IEC950, EN60950, UL1950/CSA950, Class II reinforced insulation (250V)
- Designed for EN55022 and CISPR-22 Class B for EMC noise performance
- Meets Energy Star requirements of greater than 81% efficiency
- UL 94V-0-rated bobbin
- RoHS compliant



All dimensions for reference only.



ELECTRICAL SPECIFICATIONS

Primary DCR (4 - 2)	0.578 Ω Max.
Bias DCR (6 - 5)	0.033 Ω Max.
Secondary DCR (7 - 9)	0.0226 Ω Max.
Primary Inductance (4 - 2) @ 0.4 V, 100 kHz	1.041 mH \pm 10%
Leakage Inductance (4 - 2) @ 0.4 V, 100 kHz, with (6 - 5) & (7 - 9) shorted	30 μ H Max.
Resonant Frequency (4 - 2), with other windings open	500 kHz Min.
Dielectric Strength (Primary to Secondary)	3000 V _{RMS} (1 sec.)

7/10/19 | -2 | Updated data sheet fmt.; updated DCR's; updated pin dia. dim.; updated Power Integrations P/N | AG

12/3/15 | -1 | Corrected metric dimensions, were 31mm & 0.8mm | TJK

DATE | ISS. | REVISION | BY

Designed by: GG 6/26/09
 Drawn by: AG 7/10/19
 Checked by: DB & TJK
 Drawing rev.: SPP-4001-2

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