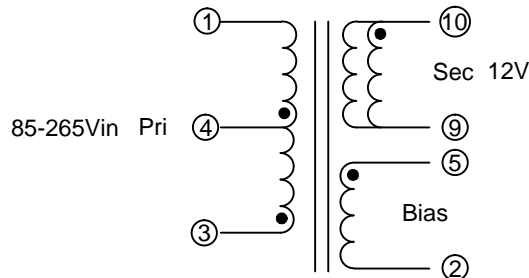
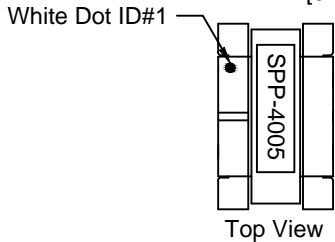
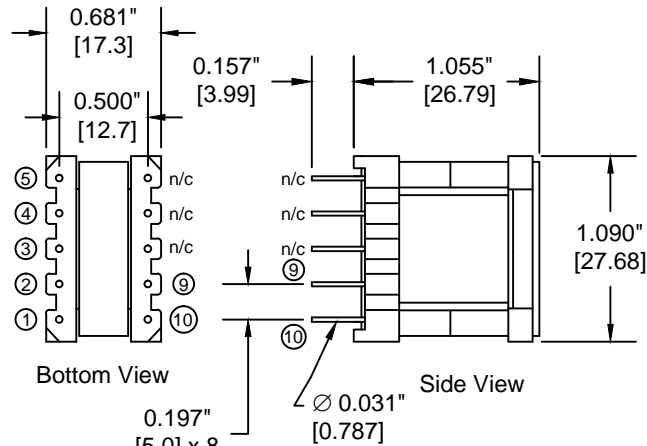


- SWITCHMODE THRU-HOLE TRANSFORMER DESIGNED FOR USE WITH POWER INTEGRATIONS TNY255EN 20W GENERAL PURPOSE APPLICATION. DESIGNED TO COMPLY WITH IEC950, EN60950, UL1950/CSA950, SUPPLEMENTARY INSULATION, 300V.
- RoHS COMPLIANT.
- DESIGNED FOR EN55022 AND CISPR-22B CLASS B FOR EMC NOISE PERFORMANCE.
- MEETS ENERGY STAR V2.0 DRAFT REQUIREMENT OF >81% EFFICIENCY.

REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
12/07/2015	-1	Corrected mm dims, was 4mm, 0.8	Tjk



Electrical Specifications:

Dcr Pri 1 - 3: 0.960 Ω Max

Bias 2 - 5 : 0.060 Ω Max

Sec 9 - 10 : 0.043 Ω Max

Turns Ratio: 1 - 3 : 2 - 5 = 8 : 1

1 - 3 : 9 - 10 = 8 : 1

Pri Inductance (1 - 3) : 1.56 mH $\pm 5\%$ 66KHz, 0.4Vrms

Leakage Induct. (1 - 3) with (2 - 5) & (9 - 10) shorted : 14 μ H Max

Resonant Frequency (1 - 3), all other wdgs open : 1.5MHz Min

Dielectric : 3000Vac, 60Hz, 1sec Primary to Secondary

Designed for TOP255PN Chip up to 20.0W; VAc in: 85 - 265Vac,

1 DC output +12V@1.67Adc Meets Energy Star V2.0 draft

Requirement of >81% full load efficiency, EN55022 and

CISPR-22B for EMC noise performance.

Designed to comply with IEC950, EN60950, UL1950/CSA950

Supplementary Insulation with 300V working voltage.

Comply with the requirements of EU RoHS Directive

All dimensions are reference unless otherwise specified. mm = []

		CUSTOM ENGINEERED MAGNETIC COMPONENTS	
		Johnsburg, Illinois	
3521 N. CHAPEL HILL RD. / McHENRY, ILLINOIS 60051			
SCALE: None	APPROVED BY:	DRAWN BY: G.G.	
DATE: 05/27/09	<i>Dary Garcia</i>	REVISED:	
Top255PN 20W Transformer			
20 Watt General Purpose 12V			DRAWING NUMBER SPP-4005 - 1