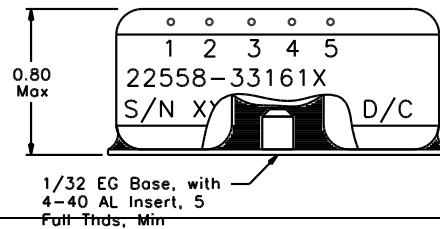
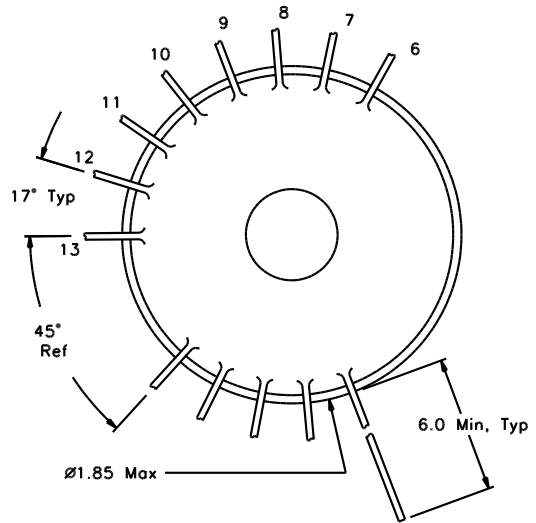


REVISIONS			
REV.	DESCRIPTION	DATE	BY



LOAD CONDITIONS	
E(1 - 3) = 29V, 2000 Hz	
P(4-5) = 0.16W	P(6-7) = 1.60W
P(8-9) = 1.60W	P(10-11) = 0.45W
P(12-13) = 0.09W	P <sub>TOTAL</sub> < 3.90W

**Classification**

MIL-PRF-27 Grade: 6  
 MIL-PRF-27 Class: S (130° C)  
 Maximum Ambient Temperature: 105° C

**MIL-STD-981 Quality Assurance Provisions**

Class	Description	Drawing Number <sup>1</sup>
C	Commercial Parts	33161-30
B	Group A Inspection	33161-31B
E	Group A Inspection	33161-31S
S	Group A Inspection	33161-31S and
	Group B Inspection	33161-85

<sup>1</sup> The germane data will ship with the hardware.

**Electrical Characteristics**

DC Resistance: (1 - 2) = 845 mΩ (8 - 9) = 13.0 Ω Ratio and Polarity (± 0.001):  
 (Maximum) (2 - 3) = 845 mΩ (10 - 11) = 6.3 Ω 2 - 3/1 - 3 = 0.500 1 - 2/8 - 9 = 0.500  
 (4 - 5) = 1.8 Ω (12 - 13) = 6.3 Ω 4 - 5/1 - 2 = 0.281 10 - 11/1 - 11 = 0.500 (2 + 10)  
 (6 - 7) = 13.0 Ω 1 - 2/6 - 7 = 0.500 12 - 13/1 - 13 = 0.500 (2 + 12)

**Volt-Seconds:**

1.0kHz Sqr. Wave, I<sub>pk</sub> = 30 mA ± 10%, R<sub>s</sub> = 20 Ω  
 (1 - 2) = 4.79 to 7.50 mV-Sec

Leakage Inductance (1 - 2) at 0.1V 10kHz, [Short 2 thru 13]:  
 (1 - 2) = 5.0 μH Maximum

**These Parts Are Manufactured in Strict Compliance to MIL-STD-981.**

The "X" in the part number refers to the Quality Level (C, B, E or S), see Quality Assurance Provisions above.	UNLESS OTHERWISE SPECIFIED: Dimensions are in inches, and tolerances are:		<b>COAST/ACM</b>			
	Fractions	Decimals	Angles	TITLE		
	±1/64	.X = ±0.1 .XX = ±0.03 .XXX = ±0.010	±1/2°	<b>Power Transformer</b>		
	DRAWN BY	DATE	FSCM	DWG. NO	REV.	
DO NOT SCALE DRAWING	Jim Allen	06/02/04	22558	33161X		
		SCALE: none	MAX. WT.: 125 grams	SHEET 1 OF 1		