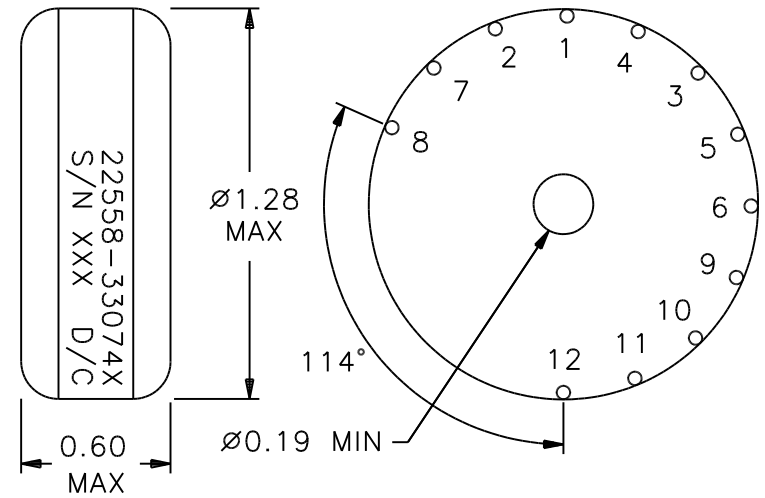


REVISIONS			
REV.	DESCRIPTION	DATE	BY



Leads are 3.5" long, min.,  
Stripped and Solder Coated 1/2"

**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	33074-30
B	Group A Inspection	33074-31B
E	Group A Inspection	33074-31S
S	Group A Inspection	33074-31S and
	Group B Inspection	33074-85

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

<u>Maximum Operating Load Conditions</u>	
E(1 - 2) = 22 V <sub>RMS</sub> , 100KHz	
P(3 - 4) = 5.4 W	P(5 - 6) = 20.4 W
P(7 - 8) = 2.5 W	P(9 - 10) = 11.6 W
P(11 - 12) = 2.9 W	P <sub>TOTAL</sub> = 42.8 W

**Electrical Characteristics**

DC Resistance: (1 - 2) = 4.5 mΩ (7 - 8) = 99 mΩ  
(Maximum) (3 - 4) = 19.3 mΩ (9 - 10) = 20.3 mΩ  
(5 - 6) = 5.0 mΩ (11 - 12) = 182 mΩ

Ratio and Polarity: 1- 2/11 - 12 = 0.55 ± 0.02  
3 - 4/11 - 12 = 0.40 ± 0.02  
5 - 6/11 - 12 = 0.35 ± 0.02  
7 - 8/11 - 12 = 0.60 ± 0.02  
9 - 10/11 - 12 = 0.60 ± 0.02

Inductance (measured at 0.5 V, 10 KHz):  
(1 - 2) = 170 μH Minimum

**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 ±1/64	Decimals .XX = ±0.03 .XXX = ±0.010	Angles ±1/2°	TITLE <b>Power Transformer</b>	
	DRAWN BY	DATE	FSCM <b>22558</b>	DWG. NO <b>33074X</b>	REV.
	DO NOT SCALE DRAWING	Jim Allen	01/15/04	SCALE: none	MAX. WT.: 54 grams