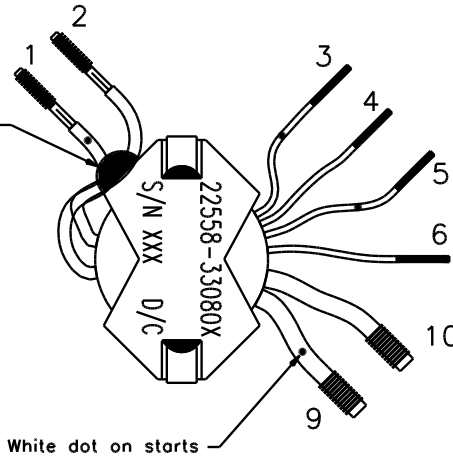
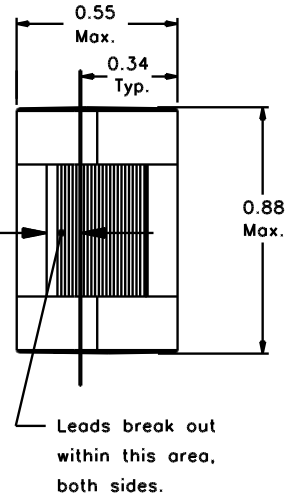


Spot Bond Leads
1 & 2 to Core



White dot on starts



REVISIONS

REV.	DESCRIPTION	DATE	BY

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 ¹
C	Commercial Parts	33080-30
B	Group A Inspection	33080-31B
E	Group A Inspection	33080-31S
S	Group A Inspection	33080-31S and
	Group B Inspection	33080-85

¹ The germane data will ship with the hardware.

The absolute position of the connections is defined on Sheet 2.

Maximum Operating Load Conditions

E(1 - 2) = 70 V, 200kHz
 P(3 - 4) = 7.5 W P(5 - 6) = 2.625 W
 P(9 - 10) = 15.3 W P_{TOTAL} = 25.43 W

Electrical Characteristics

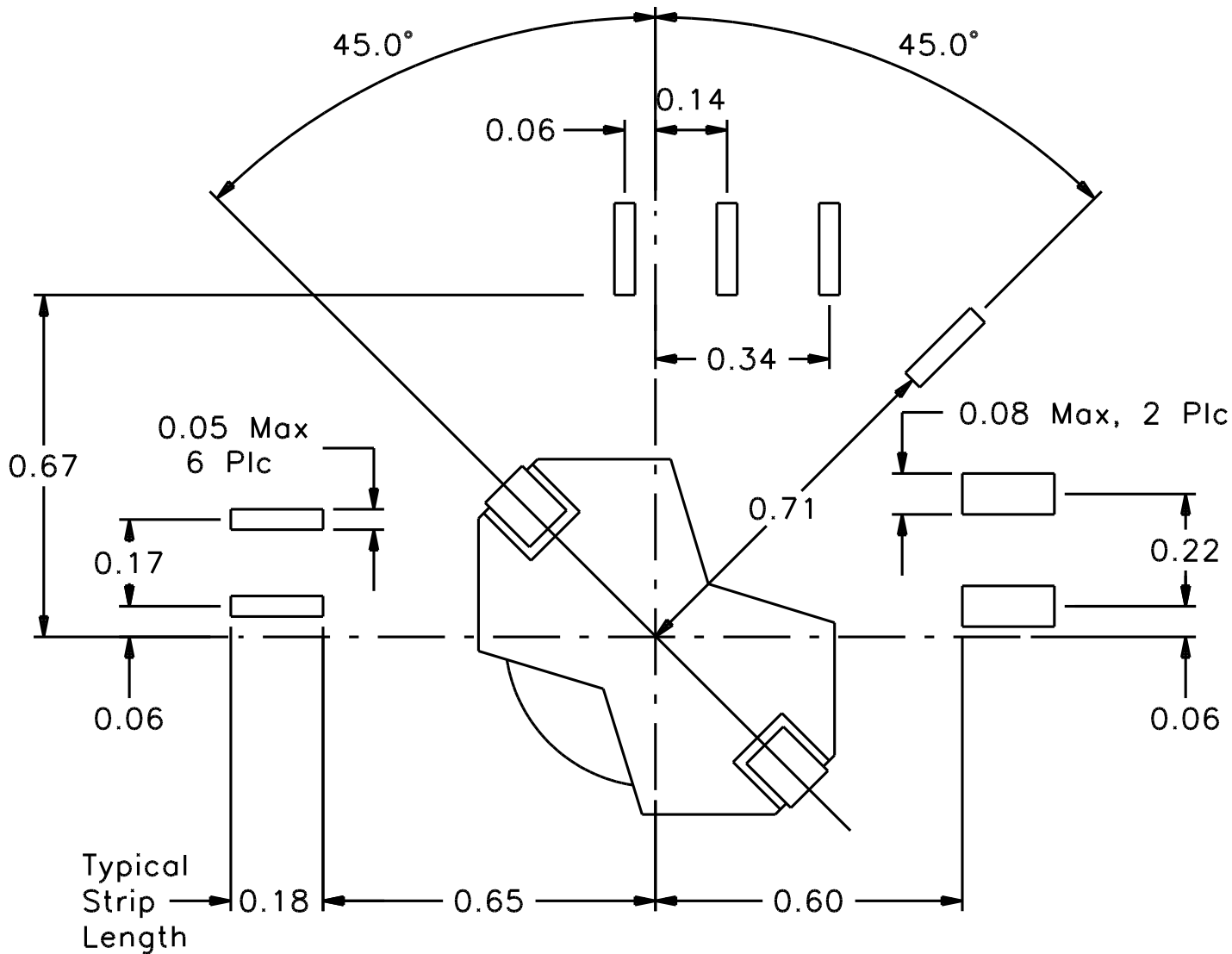
DC Resistance: (1 - 2) = 90 mΩ Maximum
 (3 - 4) = 86 mΩ Maximum
 (5 - 6) = 180 mΩ Maximum
 (9 - 10) = 4.0 mΩ Maximum

Ratio and Polarity:
 3 - 4/1 - 2 = 0.80 ± 0.01
 5 - 6/1 - 2 = 0.70 ± 0.01
 9 - 10/1 - 2 = 0.25 ± 0.01

Inductance (measured at 0.1 V, 10 KHz, I_{DC} = 0A):
 (1 - 2) = 1.2 mH ± 25%

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:		COAST/ACM		
	Fractions ±1/64	Decimals .XX = ±0.03 .XXX = ±0.010	Angles ±1/2°	TITLE Power Transformer	
	DRAWN BY Jim Allen	DATE 12/18/03	FSCM 22558	DWG. NO 33080X	REV.
DO NOT SCALE DRAWING			SCALE:	MAX. WT.: 15 grams	SHEET 1 OF 2



Note:
Coil rotated 45° from Sheet 1 view. Location of solder connections, leads aren't shown for clarity.

	UNLESS OTHERWISE SPECIFIED: Dimensions are in inches, and tolerances are:		COAST/ACM	
	Fractions ±1/64	Decimals .XX = ±0.03 .XXX = ±0.010	TITLE Power Transformer	
	Angles ±5°		FSCM 22558	DWG. NO 33080X
	DRAWN BY Jim Allen	DATE 12/18/03	SCALE: none	
DO NOT SCALE DRAWING			SHEET 2 OF 2	