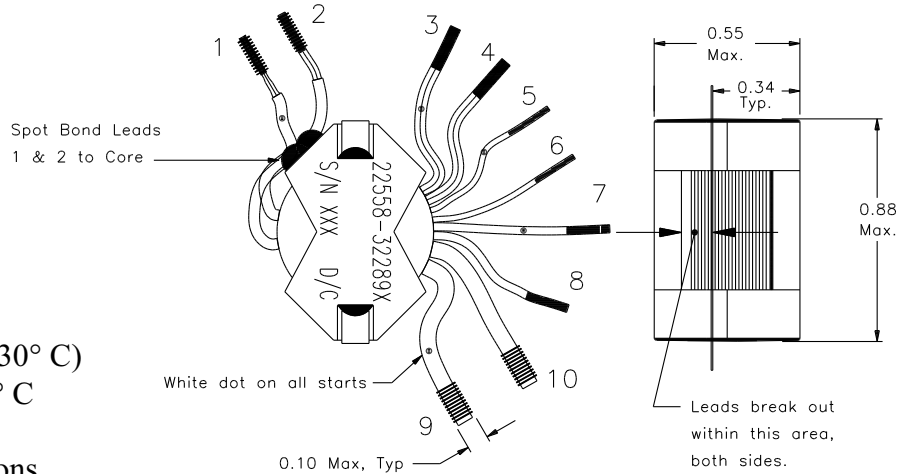


REVISIONS			
REV.	DESCRIPTION	DATE	BY



**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 <sup>1</sup>
C	Commercial Parts	32289-30
B	Group A Inspection	32289-31B
E	Group A Inspection	32289-31S
S	Group A Inspection	32289-31S and
	Group B Inspection	32289-85

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

**Electrical Characteristics**

DC Resistance: (1 - 2) = 210 mΩ Maximum  
 (3 - 4) = 54 mΩ Maximum  
 (5 - 6) = 220 mΩ Maximum  
 (7 - 8) = 24 mΩ Maximum  
 (9 - 10) = 3.2 mΩ Maximum

Ratio and Polarity:  
 3 - 4/1 - 2 = 0.533 ± 0.01  
 5 - 6/1 - 2 = 0.40 ± 0.01  
 7 - 8/1 - 2 = 0.20 ± 0.01  
 9 - 10/1 - 2 = 0.167 ± 0.010

Inductance (measured at 0.1 V, 10 KHz, I<sub>DC</sub> = 0A):  
 (1 - 2) = 2.7 mH ± 25%

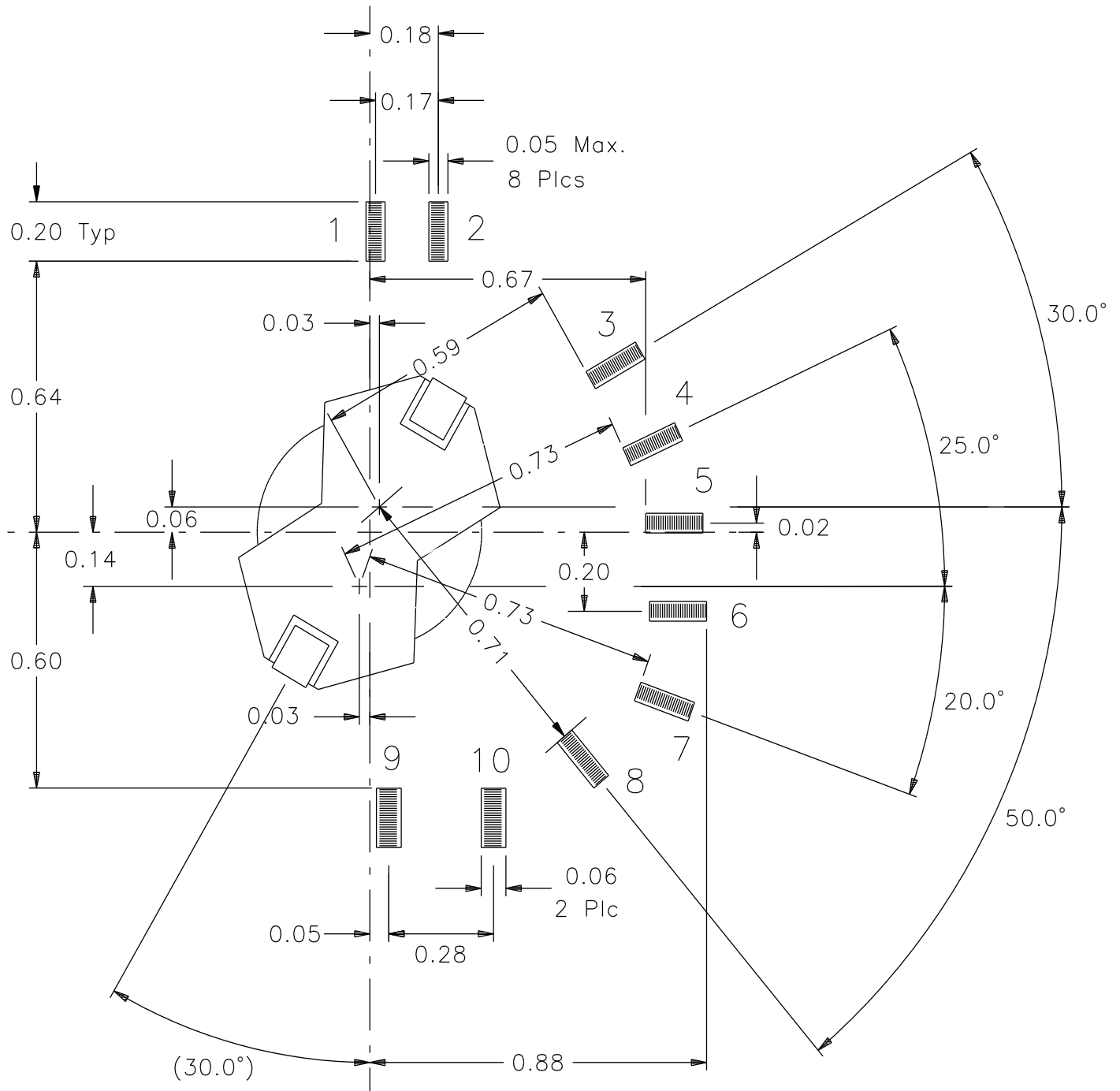
The absolute position of the connections is defined on Sheet 2.

**Maximum Operating Load Conditions**

E(1 - 2) = 70 V<sub>RMS</sub> @ 200 kHz  
 P(3 - 4) = 14.246W      P(5 - 6) = 1.066W  
 P(7 - 8) = 1.455W      P(9 - 10) = 12.337W  
 P<sub>TOTAL</sub> = 29.104W

**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:  Fractions      Decimals      Angles ±1/64      .XX = ±0.03      ±1/2° .XXX = ±0.010		<b>COAST/ACM</b>		
	DRAWN BY      DATE		TITLE <b>Power Transformer</b>		
	Jim Allen	09/30/02	FSCM <b>22558</b>	DWG. NO <b>32289X</b>	REV.
DO NOT SCALE DRAWING			SCALE:	MAX. WT.: 17 grams	SHEET 1 OF 2



Note:  
Coil rotated 30° from Sheet 1 view. Location of solder connections, leads aren't shown for clarity.

	UNLESS OTHERWISE SPECIFIED: Dimensions are in inches, and tolerances are:		<b>COAST/ACM</b>	
	Fractions ±1/64	Decimals .XX = ±0.03 .XXX = ±0.010	TITLE <b>Power Transformer</b>	
	Angles ±5°		FSCM <b>22558</b>	DWG. NO <b>32289X</b>
	DRAWN BY Jim Allen	DATE 09/30/02	SCALE: none	
DO NOT SCALE DRAWING		SHEET 2 OF 2		