

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	31706-30
B	Group A Inspection	31706-31B
E	Group A Inspection	31706-31S
S	Group A Inspection Group B Inspection	31706-31S and 31706-85

¹ The germane data will ship with the hardware.

Note: Assembly fixture 31706-76/A required to form Lead placement.

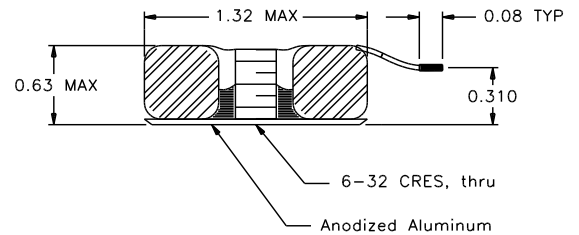
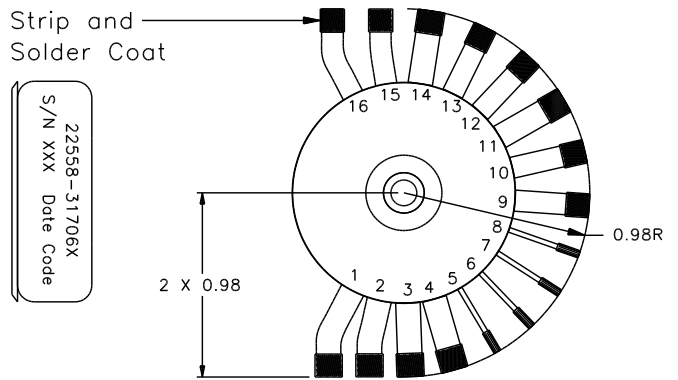
Electrical Characteristics

DC Resistance: (1+2 - 3+4) = 6.0 mΩ Maximum
 (5 - 6) = 110 mΩ Maximum
 (7 - 8) = 110 mΩ Maximum
 (9+10+11+12 - 13+14+15+16) = 1.8 mΩ Maximum

Ratio and Polarity:

1+2 - 3+4/6 - 5 = 0.700 ± 1%
 1+2 - 3+4/8 - 7 = 0.700 ± 1%
 13+14+15+16 - 9+10+11+12/1+2 - 3+4 = 0.500 ± 1%

Inductance (measured at 0.1 V, 10 KHz):
 (1+2 - 3+4) = 350 μH, +100%, -30%



LOAD CONDITIONS

Pri Volt. and Freq. = 22V_{RMS} @ 200 KHz
 Sec 1 Rated Power = 15.7 W (0.5 ARMS)
 Sec 2 Rated Power = 15.7 W (0.5 ARMS)
 Sec 3 Rated Power = 80 W (7.3 ARMS)

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	Decimals	Angles	TITLE		
	±1/64	.X = ±0.1 .XX = ±0.02 .XXX = ±0.010	±1/2°	Transformer, Power		
	DRAWN BY	DATE	FSCM	DWG. NO	REV.	
	Jim Allen	06/12/02	22558	31706X		
DO NOT SCALE DRAWING			SCALE:	MAX. WT.: 40 grams	SHEET 1 OF 1	