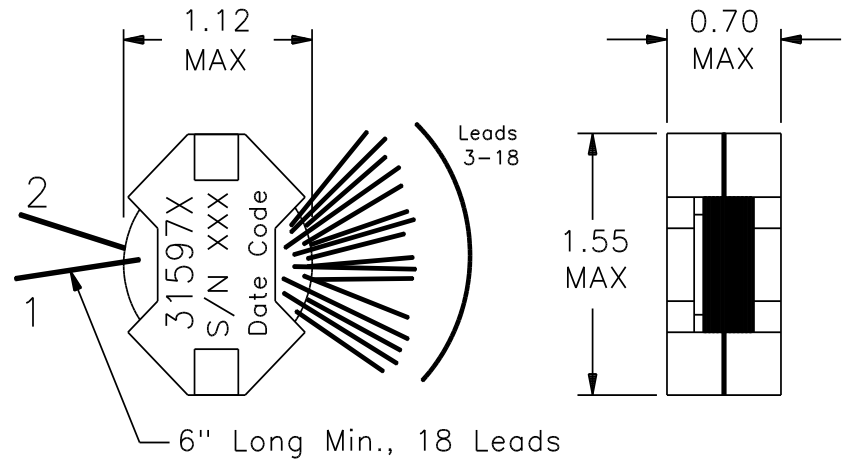


REVISIONS			
REV.	DESCRIPTION	DATE	BY



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	31597-30
B	Group A Inspection	31597-31B
E	Group A Inspection	31597-31S
S	Group A Inspection	31597-31S and
	Group B Inspection	31597-85

¹ The germane data will ship with the hardware.

LOAD CONDITIONS	
E(1 - 2) = 30 VRMS @ 200kHz	
Rated Power (3-4) = 15.4 W	Rated Power (11-12) = 2.0 W
Rated Power (5-6) = 15.4 W	Rated Power (13-14) = 2.0 W
Rated Power (7-8) = 10.5 W	Rated Power (15-16) = 4.5 W
Rated Power (9-10) = 10.5 W	Rated Power (17-18) = 4.5 W
P _{TOTAL} = 65 W	

Electrical Characteristics

DC Resistance:	(1 - 2) = 12 mΩ	(11 - 12) = 55 mΩ	Ratio and Polarity: (Nominal – Ratios are verified with un-gapped core prior to assembly)
(Maximum)	(3 - 4) = 24 mΩ	(13 - 14) = 55 mΩ	
	(5 - 6) = 24 mΩ	(15 - 16) = 32 mΩ	
	(7 - 8) = 53 mΩ	(17 - 18) = 32 mΩ	
	(9 - 10) = 53 mΩ		
Inductance (measured at 0.1V, 10 KHz):			
	(1 - 2) = 60 μH ± 25% I _{DC} = 3.9ADC		

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 = ±0.03 .XXX = ±0.010	±1/2°	Power Transformer		
	DRAWN BY	DATE	FSCM	DWG. NO	REV.	
DO NOT SCALE DRAWING	Jim Allen	04/28/03	22558	31597X		
			SCALE: none	MAX. WT.: 25 grams	SHEET 1 OF 1	