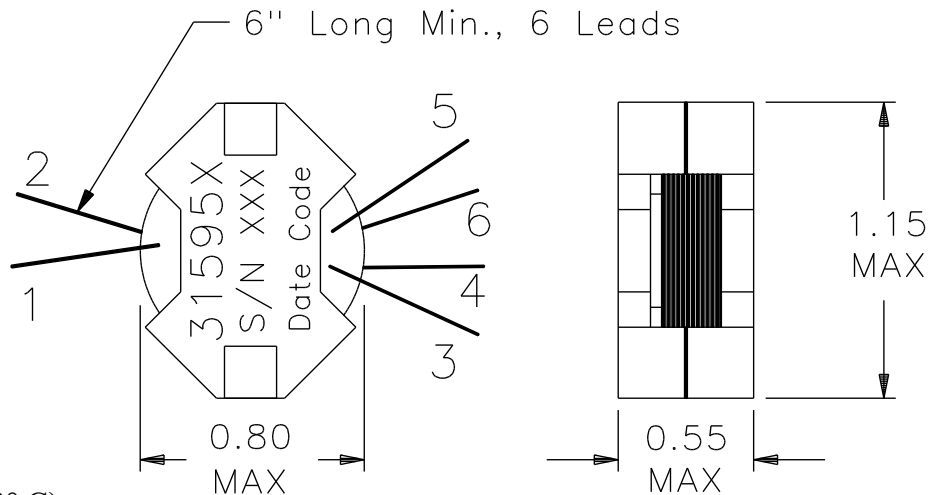


REVISIONS			
REV.	DESCRIPTION	DATE	BY



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	31595-30
B	Group A Inspection	31595-31B
E	Group A Inspection	31595-31S
S	Group A Inspection	31595-31S and
	Group B Inspection	31595-85

¹ The germane data will ship with the hardware.

LOAD CONDITIONS
E(1 - 2) = 30 VRMS @ 200kHz
Rated Power (3 - 4) = 24.7 W
Rated Power (5 - 6) = 24.7 W
PTOTAL = 49.4 W

Electrical Characteristics

DC Resistance: (1 - 2) = 54 mΩ
 (Maximum) (3 - 4) = 47 mΩ
 (5 - 6) = 47 mΩ

Ratio and Polarity: (Ratios are verified with un-gapped core prior to assembly)
 3 - 4/1 - 2 = 0.583 Nominal
 5 - 6/1 - 2 = 0.583 Nominal

Inductance (measured at 0.1V, 10 KHz):
 (1 - 2) = 188 μH ± 25% IDC = 1.4ADC

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.
	Jim Allen	03/24/03	22558	31595X	
DO NOT SCALE DRAWING			SCALE: none	MAX. WT.: 25 grams	SHEET 1 OF 1