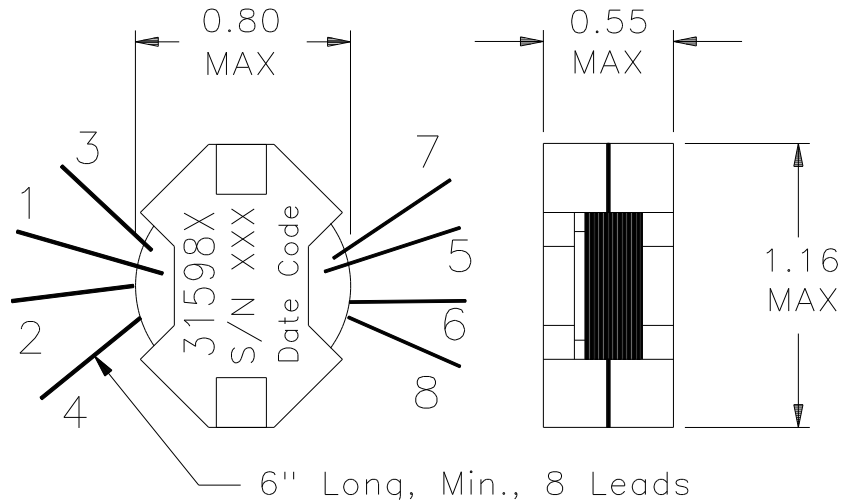


REVISIONS			
REV.	DESCRIPTION	DATE	BY



**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	31598-30
B	Group A Inspection	31598-31B
E	Group A Inspection	31598-31S
S	Group A Inspection	31598-31S and
	Group B Inspection	31598-85

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

LOAD CONDITIONS		
Terminals	IDC A	P = I <sup>2</sup> R W
1 - 2	0.90	0.041
3 - 4	0.75	0.024
5 - 6	0.60	0.031
7 - 8	0.11	0.001
P <sub>TOTAL</sub> < 0.2 W		

**Electrical Characteristics**

DC Resistance: (1 - 2) = 51 mΩ  
 (Maximum) (3 - 4) = 42 mΩ  
 (5 - 6) = 87 mΩ  
 (7 - 8) = 91 mΩ

Ratio and Polarity: (Nominal – Ratios are verified with un-gapped core prior to assembly)

3-4/1-2 = 0.333 Nominal  
 5-6/1-2 = 1.000 Nominal  
 7-8/1-2 = 1.000 Nominal

Inductance (measured at 0.1V, 10 KHz):  
 (1 - 2) = 55.6 μH ± 25% IDC = 3.8ADC

**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:		<b>COAST/ACM</b>			
	Fractions	Decimals	Angles	TITLE		
	±1/64	.X = ±0.1 .XX = ±0.03 .XXX = ±0.010	±1/2°	<b>Coupled Inductor</b>		
	DRAWN BY	DATE	FSCM	DWG. NO	REV.	
DO NOT SCALE DRAWING	Jim Allen	03/24/03	22558	31598X		
		SCALE: none	MAX. WT.: 25 grams	SHEET 1 OF 1		