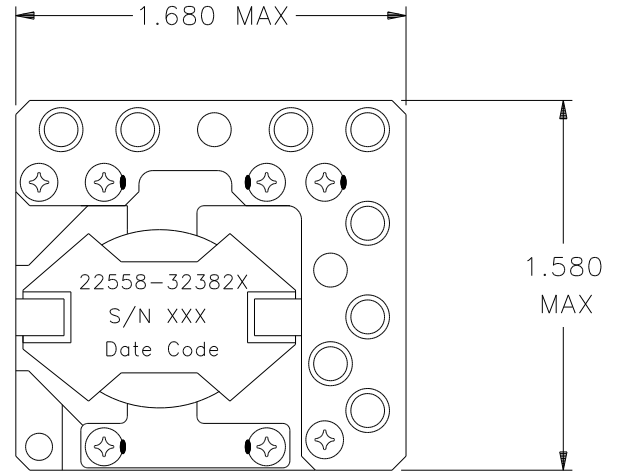
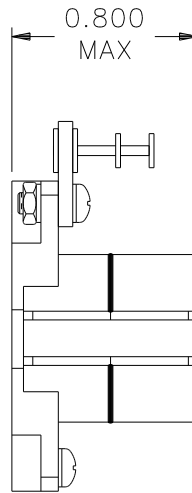


REVISIONS			
REV.	DESCRIPTION	DATE	BY



**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	32382-30
B	Group A Inspection	32382-31B
E	Group A Inspection	32382-31S
S	Group A Inspection	32382-31S and
	Group B Inspection	32382-85

<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	3.0	0.027
3 - 4	2.28	0.034
5 - 6	0.66	0.006
7 - 8	0.54	0.012
P <sub>TOTAL</sub> = 0.079 W		

**Electrical Characteristics**

DC Resistance: (1 - 2) = 3.0 mΩ (5 - 6) = 14.4 mΩ Ratio and Polarity: (Ratios are verified with un-gapped core prior to assembly)  
 (Maximum) (3 - 4) = 6.6 mΩ (7 - 8) = 41 mΩ  
 Inductance (measured at 0.1V, 10 KHz):  
 Lo (1 - 2) = 11.0 μH ± 10% IDC = 0  
 (1 - 2) = 11 μH Minimum, IDC = 3.0 A  
 1 - 2/7 - 8 = 0.364 Nominal  
 3 - 4/7 - 8 = 0.545 Nominal  
 5 - 6/7 - 8 = 0.591 Nominal

**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	06/09/03	22558	32382X		
		SCALE: none	MAX. WT.: 65 grams	SHEET 1 OF 1		