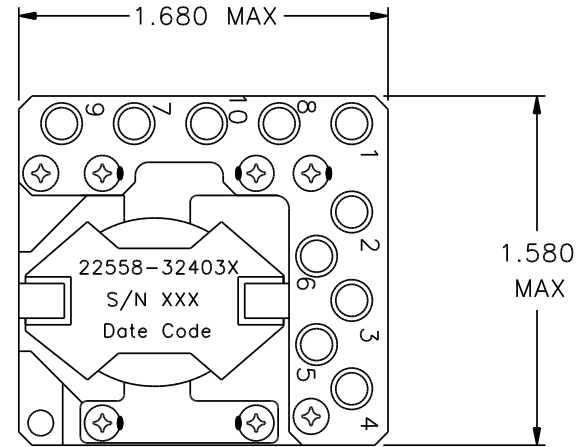
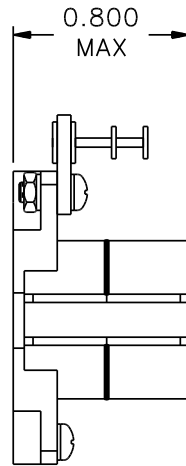


REVISIONS			
REV.	DESCRIPTION	DATE	BY



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	32403-30
B	Group A Inspection	32403-31B
E	Group A Inspection	32403-31S
S	Group A Inspection	32403-31S and
	Group B Inspection	32403-85

¹ The germane data will ship with the hardware.

LOAD CONDITIONS

Terminals	IDC A	P = I ² R W
1 - 2	3.25	0.047
3 - 4	1.40	0.006
5 - 6	0.58	0.016
7 - 8	0.68	0.023
9 - 10	1.40	0.047
PTOTAL < 0.20 W		

Electrical Characteristics

DC Resistance: (1 - 2) = 4.5 mΩ (7 - 8) = 50 mΩ
 (Maximum) (3 - 4) = 3.1 mΩ (9 - 10) = 24 mΩ
 (5 - 6) = 49 mΩ

Inductance (measured at 0.1V, 10 KHz):

(1 - 2) = 4.4 μH ± 10% IDC = 0
 (1 - 2) = 3.8 μH Minimum, IDC = 3.0 A

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

1 - 2/9 - 10 = 0.250 Nominal
 3 - 4/9 - 10 = 0.187 Nominal
 5 - 6/9 - 10 = 0.625 Nominal
 7 - 8/9 - 10 = 0.625 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:		COAST/ACM		
	Fractions	Decimals	Angles	TITLE	
	±1/64	.X = ±0.1 .XX = ±0.03 .XXX = ±0.010	±1/2°	Coupled Inductor	
	DRAWN BY	DATE	FSCM	DWG. NO	REV.
DO NOT SCALE DRAWING	Jim Allen	05/16/03	22558	32403X	
		SCALE: none	MAX. WT.: 65 grams	SHEET 1 OF 1	