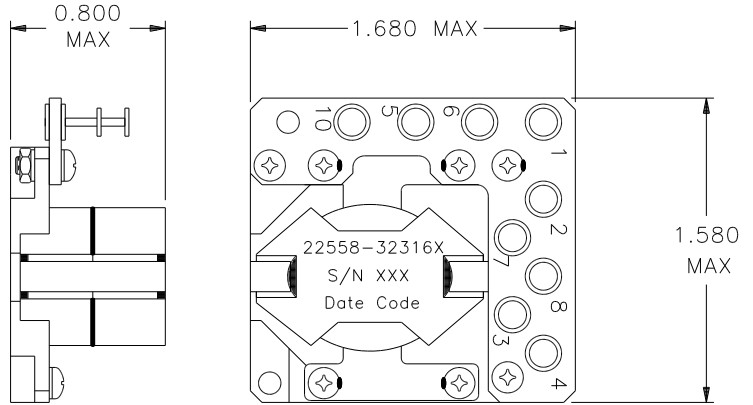


REVISIONS			
REV.	DESCRIPTION	DATE	BY



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	32316-30
B	Group A Inspection	32316-31B
E	Group A Inspection	32316-31S
S	Group A Inspection	32316-31S and
	Group B Inspection	32316-85

¹ The germane data will ship with the hardware.

LOAD CONDITIONS		
Terminals	IDC A	P = I ² R W
1 - 2	4.97	0.084
3 - 4	5.51	0.115
5 - 6	0.61	0.038
7 - 8	0.14	0.003
P _{TOTAL} = 0.240 W		

Electrical Characteristics

DC Resistance: (1 - 2) = 3.4 mΩ Maximum
 (3 - 4) = 3.8 mΩ Maximum
 (5 - 6) = 103 mΩ Maximum
 (7 - 8) = 134 mΩ Maximum

Ratio and Polarity:
 (Ratios are verified with un-gapped core prior to assembly)
 1 - 2/5 - 6 = 0.235 ± 0.010
 3 - 4/5 - 6 = 0.353 ± 0.010
 3 - 4/7 - 8 = 0.353 ± 0.010

Inductance (measured at 0.1 V, 10 KHz):
 (3 - 4) = 10.0 μH ± 25%, IDC = 0
 (3 - 4) = 7.0 μH Min., IDC = 15A

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.
	Jim Allen	01/20/03	22558	32316X	
DO NOT SCALE DRAWING			SCALE: none	MAX. WT.: 65 grams	SHEET 1 OF 1