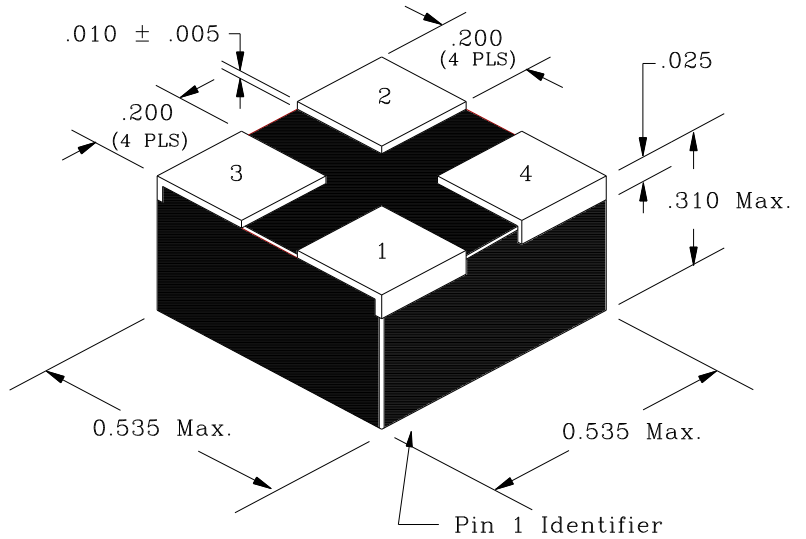


REVISIONS			
REV.	DESCRIPTION	DATE	BY

Mark on Top:  
 White dot for Pin 1  
 22558-31668X  
 S/N XXX  
 Date Code



Coplanarity pad to pad is 0.003 max. (by design only, prior to solder coating, not inspectible).

Classification

MIL-PRF-27 Grade: 5  
 MIL-PRF-27 Class: S (130° C)  
 Maximum Ambient Temperature: 105° C

MIL-STD-981 Quality Assurance Provisions

Class	Description	Drawing Number
C	Commercial Parts	31668-30
B	Group A Inspection	31668-31B
E	Group A Inspection	31668-31S
S	Group A Inspection	31668-31S and
	Group B Inspection	31668-85

<u>LOAD CONDITIONS</u>	
IDC = 9.0A	P <sub>TOTAL</sub> = 0.25W

Electrical Characteristics

DC Resistance: (1 - 2) = 6.2 mΩ Maximum  
 (3 - 4) = 6.2 mΩ Maximum

Inductance (measured at 0.1 V, 10 KHz):  
 (1+3 - 2+4) = 2.5 μH +40%/-20%, IDC = 0 A  
 (1+3 - 2+4) = 1.5 μH Minimum, IDC = 9.0 A

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 ±1/64	Decimals .XX = ±0.03 .XXX = ±0.010	Angles ±1/2°	TITLE <b>Inductor</b>	
	DRAWN BY Jim Allen	DATE 05/24/02	FSCM <b>22558</b>	DWG. NO <b>31668X</b>	REV.
DO NOT SCALE DRAWING			SCALE: none	MAX. WT.: 4 grams	SHEET 1 OF 1