

Mark on Top:  
 White dot for Pin 1  
 22558-31894X  
 S/N XXX  
 Date Code

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 <sup>1</sup>
C	Commercial Parts	31894-30
B	Group A Inspection	31894-31B
E	Group A Inspection	31894-31S
S	Group A Inspection	31894-31S and
	Group B Inspection	31894-85

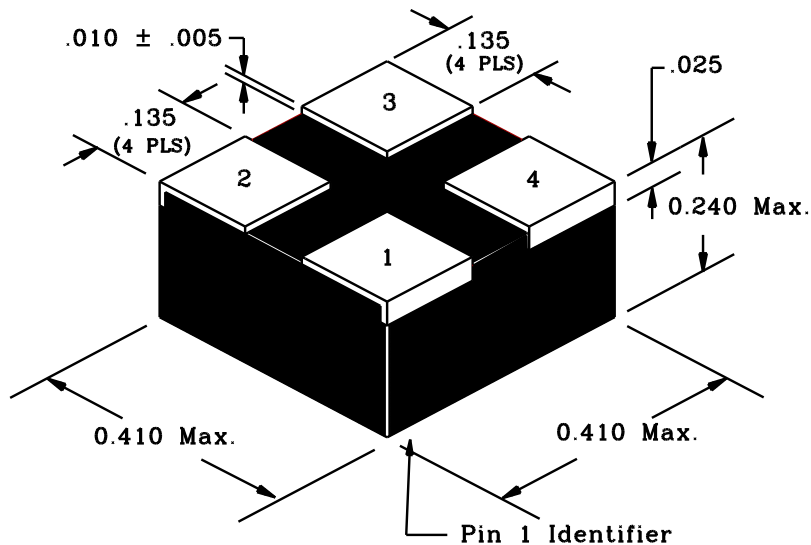
<sup>1</sup> The germane data will ship with the hardware.

Electrical Characteristics

DC Resistance (1+4 - 2+3) = 70 mΩ Maximum  
 Inductance (measured at 0.1 V, 10 KHz):  
 (1+4 - 2+3) = 17.3 μH, -10%, +18%, I<sub>DC</sub> = 0 A  
 (1+4 - 2+3) = 15.0 μH Minimum, I<sub>DC</sub> = 0.35 A

**These Parts Are Manufactured in Strict Compliance to MIL-STD-981.**

REVISIONS			
REV.	DESCRIPTION	DATE	BY



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

LOAD CONDITIONS  
 I<sub>DC</sub> (1+4) - (2+3) = 0.35A  
 P<sub>TOTAL</sub> < 0.2W

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 06/03/02	FSCM 22558	DWG. NO 31894X	REV.	
DO NOT SCALE DRAWING			SCALE: none	MAX. WT.: 4 grams	SHEET 1 OF 1	