

Mark on Top:
 White dot for Pin 1
 22558-31893X
 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 ¹
C	Commercial Parts	31893-30
B	Group A Inspection	31893-31B
E	Group A Inspection	31893-31S
S	Group A Inspection	31893-31S and
	Group B Inspection	31893-85

¹ The germane data will ship with the hardware.

Electrical Characteristics

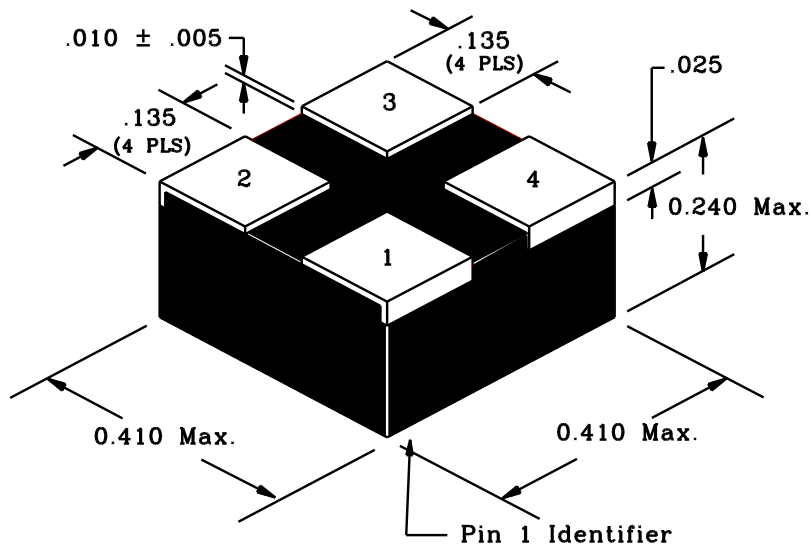
DC Resistance (1+4 - 2+3) = 24 mΩ Maximum

Inductance (measured at 0.1 V, 10 KHz):

(1+4 - 2+3) = 4.3 μH, -10%, +48%, I_{DC} = 0 A

(1+4 - 2+3) = 3.2 μH Minimum, I_{DC} = 1.7 A

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_{DC} (1 + 4) - (2 + 3) = 1.7A

P_{TOTAL} < 0.2W

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 ±1/64	Decimals .XX = ±0.03 .XXX = ±0.010	Angles ±1/2°	TITLE Inductor	
	DRAWN BY Jim Allen	DATE 06/03/02	FSCM 22558	DWG. NO 31893X	REV.
DO NOT SCALE DRAWING	Jim Allen	06/03/02	SCALE: none	MAX. WT.: 4 grams	SHEET 1 OF 1