



| 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 | 32399-30 |
| B | Group A Inspection | 32399-31B |
| E | Group A Inspection | 32399-31S |
| S | Group A Inspection | 32399-31S and Group B Inspection 32399-85 |

¹ The germane data will ship with the hardware.

LOAD CONDITIONS

| Terminals | IDC A | P = I ² R W |
|-----------|-------|------------------------|
| 1 - 2 | 5.45 | 0.15 W |
| 3 - 4 | 3.36 | 0.16 W |
| 5 - 6 | 1.86 | 0.08 W |
| 7 - 8 | 0.82 | 0.06 W |
| | | PTOTAL = 0.45 W |

Electrical Characteristics

DC Resistance: (1 - 2) = 5.0 mΩ (5 - 6) = 22 mΩ
 (Maximum) (3 - 4) = 14.5 mΩ (7 - 8) = 85 mΩ

Inductance (measured at 0.1V, 10 KHz):

Lo (1 - 2) = 9.9 μH ± 5% IDC = 0
 (1 - 2) = Lo - 10% Minimum, IDC = 5.5 A

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

1 - 2/7 - 8 = 0.375 Nominal
 3 - 4/7 - 8 = 0.562 Nominal
 5 - 6/7 - 8 = 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. |
| | Jim Allen | 11/05/03 | 22558 | 32399X | |
| DO NOT SCALE DRAWING | | | SCALE: none | MAX. WT.: 65 grams | SHEET 1 OF 1 |