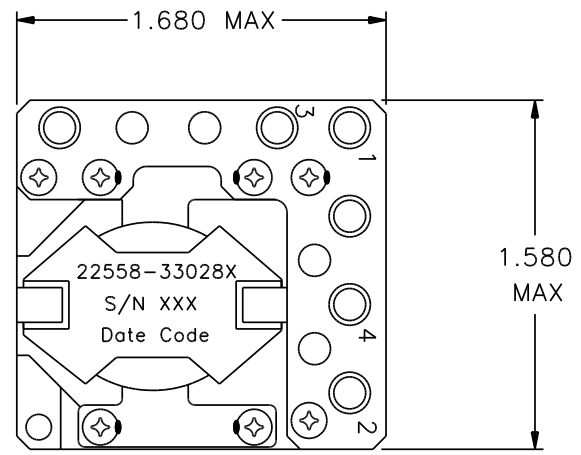
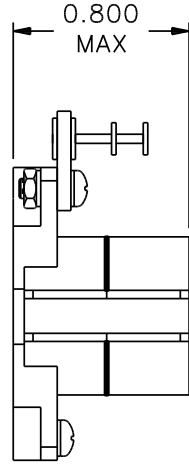


| REVISIONS | | | |
|-----------|-------------|------|----|
| REV. | DESCRIPTION | DATE | BY |
| | | | |



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 | 33028-30 |
| B | Group A Inspection | 33028-31B |
| E | Group A Inspection | 33028-31S |
| S | Group A Inspection | 33028-31S and |
| | Group B Inspection | 33028-85 |

¹ The germane data will ship with the hardware.

| LOAD CONDITIONS | | |
|------------------------------|-------|------------------------|
| Terminals | IDC A | P = I ² R W |
| 1 - 2 | 2.5 | 0.108 |
| 3 - 4 | 2.5 | 0.129 |
| P _{TOTAL} = 0.237 W | | |

Electrical Characteristics

DC Resistance: (1 - 2) = 17.2 mΩ
 (Maximum) (3 - 4) = 20.7 mΩ

Ratio and Polarity: (Ratios are verified with un-gapped core prior to assembly)
 3 - 4/1 - 2 = 1.000 Nominal

Inductance (measured at 0.1V, 10 KHz):

Lo (1 - 2) = 87.2 μH ± 10% IDC = 0
 (1 - 2) = Lo - 10%, IDC = 2.5 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: | | 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 | 08/25/03 | 22558 | 33028X | |
| DO NOT SCALE DRAWING | | | SCALE: none | MAX. WT.: 60 grams | SHEET 1 OF 1 |