

## MSD INC.

## ENGINEERING DATA SHEET

RELAY TYPE: FCA-410-1513M

COMPUTER PART No.: 9244583

TEST PROCEDURE

CUSTOMER/SPECIFICATION: MIL-R-83536/15-013M

REV NONE

MSDP-790

## TEST REQUIREMENTS

COIL RES.:  $70 \pm 10\%$  ohms OPERATE TIME: 15 mS Max RELEASE TIME: 15 mS Max

CONTACT MAKE BOUNCE: 1 mS Max N.O. BREAK BOUNCE: N/A

CONTACT STABILIZATION TIME: 2.5 mS Max RATED COIL VOLTAGE: 12 Vdc

CONTACT RES.: MFG TEST: 8 Milliohms @ 10 mA FINAL TEST: 10 Milliohms @ 10 mA

CONTACT VOLTAGE DROP: FINAL TEST: 100 mV Max @ 10 A - 6 V dc

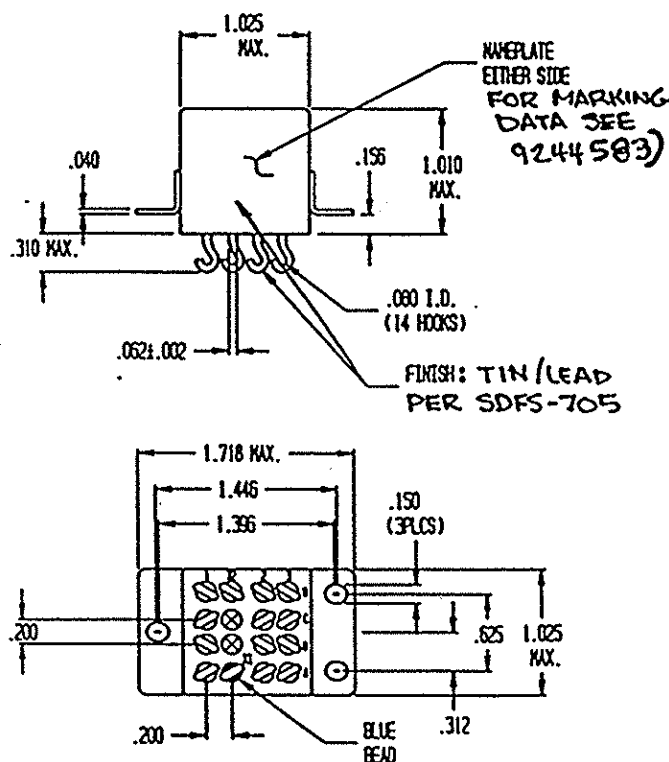
HI-POT: 1250 V rms ALL POINTS, EXCEPT 1000 V rms COIL TO CASE

INSULATION RESISTANCE: 100 Megohms Min @ 500 V dc

VIBRATION: MIL-STD-202, METHOD 204 (30 G's / 100-3000 Hz)

SEAL TEST:  $1 \times 10^{-8}$  Max LEAK RATE COIL TRANSIENT SUPPRESSION: N/A

OTHER:

TERMINAL LETTERS & NUMBERS FOR REFERENCE ONLY.  
DOES NOT APPEAR ON RELAY HEADER.

|                   |         |                            |  |
|-------------------|---------|----------------------------|--|
| Prepared By: Date |         | Approved By: Date          |  |
| LES WYNNE 3-8-96  |         | <i>[Signature]</i> 3-19-96 |  |
| Rev               | ECN No. | Date                       |  |
| A                 | 96-065  | 3-8-96                     |  |

## SPECIAL INSTRUCTIONS