

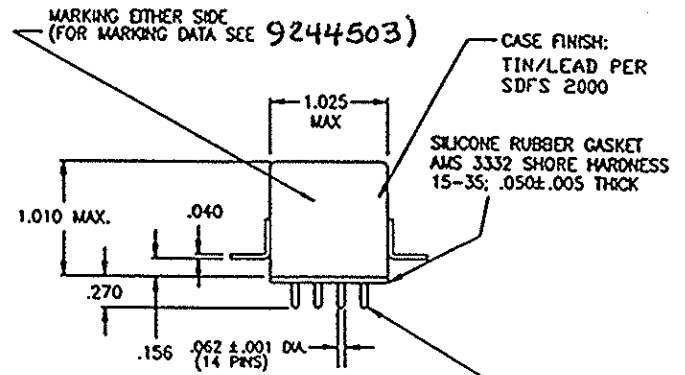
# MSD INC.

# ENGINEERING DATA SHEET

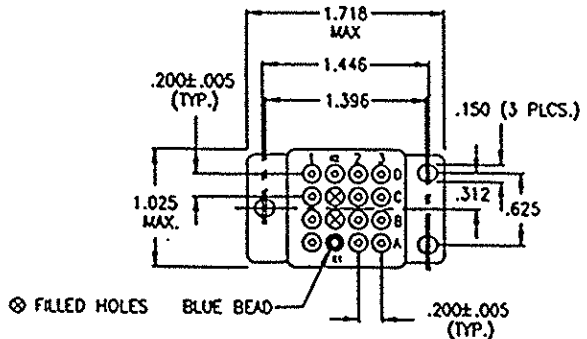
RELAY TYPE: FCA-410-AY4    COMPUTER PART No.: 9244.503    TEST PROCEDURE  
 CUSTOMER/SPECIFICATION: CATALOG ITEM    REV NONE    MSDP-791

### TEST REQUIREMENTS

COIL RES.: 290+/-10% ohms    OPERATE TIME: 15 mS Max    RELEASE TIME: 15 mS Max  
 CONTACT MAKE BOUNCE: 1 mS Max    N.O. BREAK BOUNCE: 0.1 mS Max  
 CONTACT STABILIZATION TIME: N/A    RATED COIL VOLTAGE: 28Vdc  
 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: N/A  
 SEAL TEST: 1X10<sup>-8</sup> Max LEAK RATE    COIL TRANSIENT SUPPRESSION: 42 V dc Max  
 OTHER: \_\_\_\_\_



FINISH: COLD PLATE MIL-C-45204 TYPE II, CLASS I (14) PINS  
 UNDERPLATE: NICKEL 50-150 MICRONS THICK.



NOTE: TERMINAL NUMBERS APPEAR ON CIRCUIT DIAGRAM AND NOT ON RELAY HEADER.  
 (GASKET NOT SHOWN IN THIS VIEW)

|                   |         |                            |  |
|-------------------|---------|----------------------------|--|
| Prepared By: Date |         | Approved By: Date          |  |
| LES WYNNE 2-14-96 |         | <i>[Signature]</i> 2-14-96 |  |
| Rev               | ECN No. | Date                       |  |
| A                 | 96-065  | 2-14-96                    |  |

### SPECIAL INSTRUCTIONS