

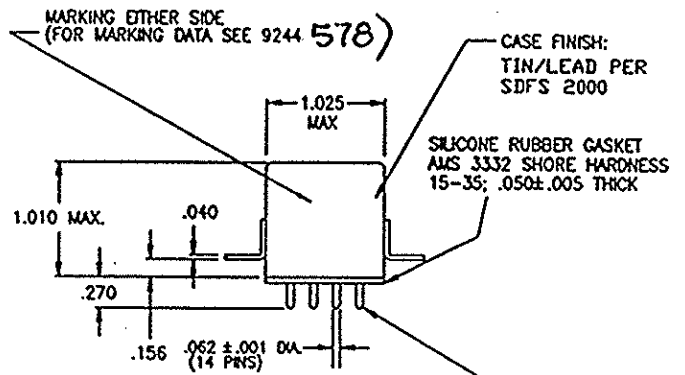
# MSD INC.

# ENGINEERING DATA SHEET

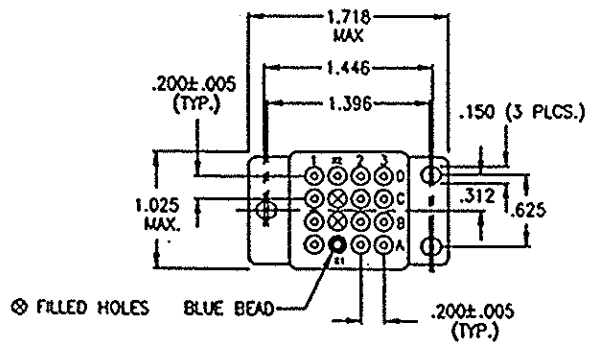
RELAY TYPE: FCA-410-1634M	COMPUTER PART No.: 9244 578	TEST PROCEDURE
CUSTOMER/SPECIFICATION: MIL-R-83536/16-034	REV NONE	MSDP-790

### 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: 2.5 mS Max RATED COIL VOLTAGE: 28 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 (30G's / 100-3000 Hz)  
 SEAL TEST: 1X10<sup>-8</sup> Max LEAK RATE COIL TRANSIENT SUPPRESSION: 42 V dc Max  
 OTHER: \* **FINAL ASSEMBLY SEE BELOW** \*



FINISH: GOLD PLATE MIL-G-45204 TYPE II, CLASS I (14) PINS  
 UNDERPLATE: NICKEL 50-150 MICROINCHES 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 2-11-96		<i>Les Wynne</i> 2-14-96	
Rev	ECN No.	Date	
A	96-065	2-16-95	

### SPECIAL INSTRUCTIONS

ATT'N: FINAL ASSEMBLY

**DO NOT INSTALL ARC BARRIERS!**