

CATALOG LISTING

2PF1

RELEASE NO. PR-24204

REPLACES

ISSUE

2

CHECK

REVISIONS

A 0001616

JAH

13OCT03

CHECK

13 AUG 99

J A F

CHECK

13 AUG 99

J J A

DRAWN

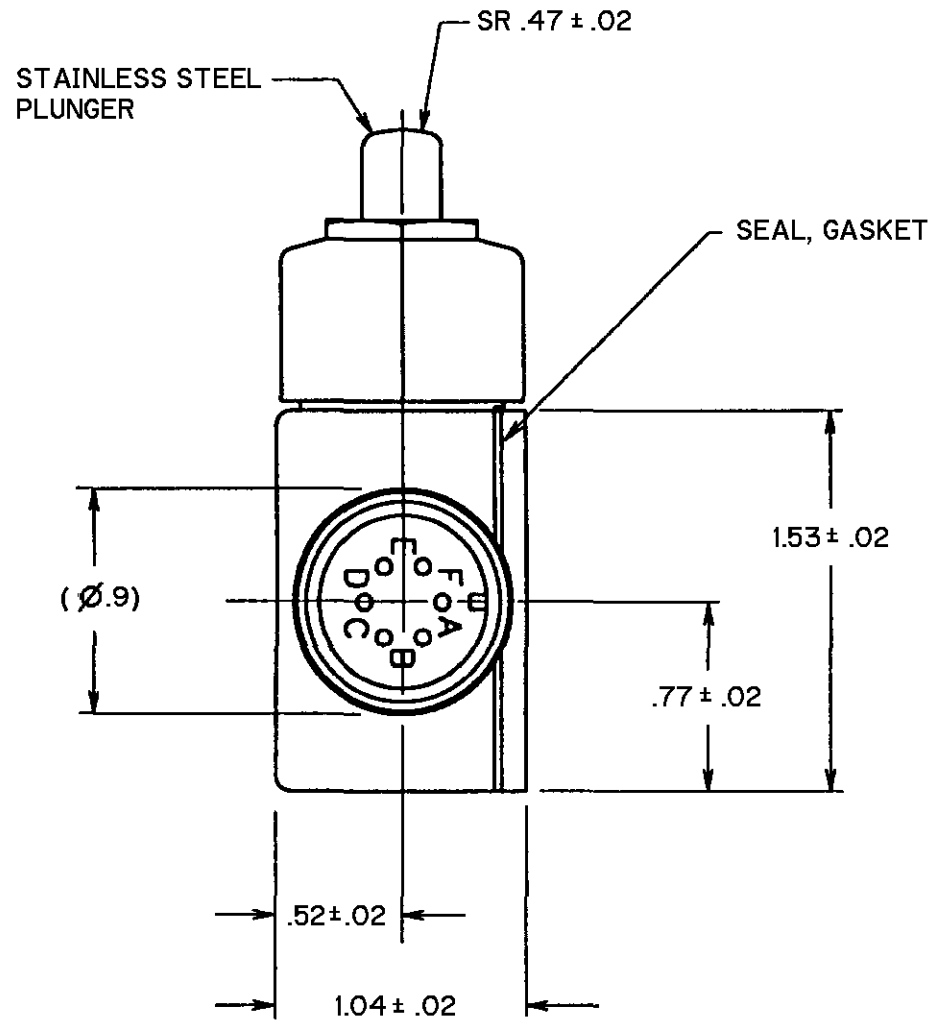
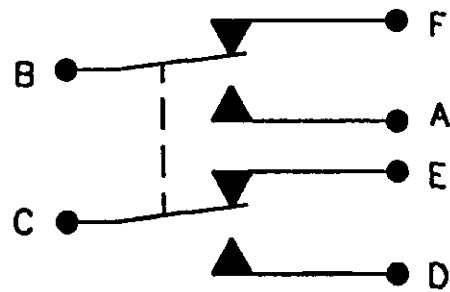
RASTER

**MICRO SWITCH**  
a Honeywell Division  
FED. MFG. CODE 91929

SWITCH - ENCLOSURE

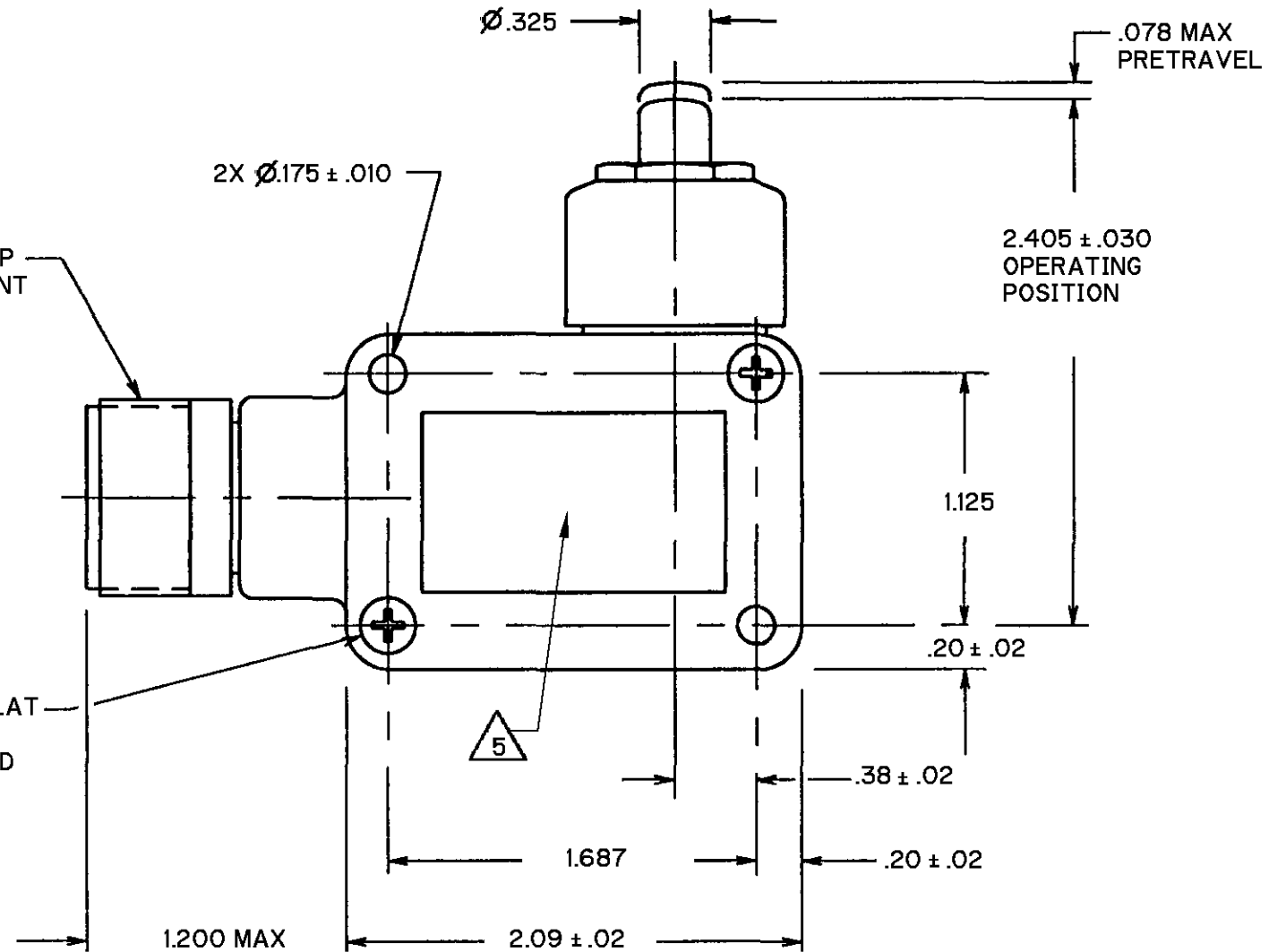
CATALOG LISTING  
**2PF1**

CIRCUIT DIAGRAM



MS3101R14S-6P  
OR EQUIVALENT

2X 4-40 UNC FLAT  
HEAD SCREW,  
MACHINE THREAD



NOTES

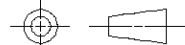
- 1 - HOUSING MATERIAL: GLASS FILLED POLYESTER
- 2 - BASIC SWITCHES ARE V3-115. SWITCHES DO NOT OPERATE SIMULTANEOUSLY
- 3 - ENCLOSURE DESIGN, SYMBOL 3 (WATER TIGHT) EXCEPT THE ASSEMBLY MUST WITHSTAND 546mm Hg (TORRS) PRESSURE WHEN SUBMERGED IN CLEAR WATER
- 4 - COLOR WHITE, CONFORMING TO SPEC TT-E-489 EXCEPT PLUNGER, CONNECTOR, AND SCREWS
- 5 CATALOG LISTING, DATE CODE, FEDERAL MANUFACTURING CODE, AND CIRCUIT DIAGRAM MARKED ON SWITCH

ANSI Y14.5M-1982 APPLIES

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| CHARACTERISTICS                        | ELECTRICAL DATA                                                                                                                                            |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OPERATING FORCE ----- 4.5 LBS MAX      | CONTACT ARRANGEMENT<br>2X S P D T<br><br>11 AMPS AND 1/3 HP, 125, 250, OR 277 VAC<br>1/2 AMP, 125 VDC; 1/4 AMP, 250 VDC<br>4 AMPS, 125 VAC "L" (LAMP LOAD) |
| RELEASE FORCE ----- .25 LBS MIN        |                                                                                                                                                            |
| DIFFERENTIAL TRAVEL -- .031 MAX        |                                                                                                                                                            |
| OVERTRAVEL ----- .250 MIN              |                                                                                                                                                            |
| FULL OVERTRAVEL FORCE ----- 14 LBS MAX |                                                                                                                                                            |

THIRD ANGLE PROJECTION



SCALE NONE

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED  
TOLERANCES ARE

|             |        |       |
|-------------|--------|-------|
| ONE PLACE   | (.0)   | ±.030 |
| TWO PLACE   | (.00)  | ±.015 |
| THREE PLACE | (.000) | ±.005 |
| ANGLES      |        | ±     |

WEIGHT