

602EN65  
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M

DRAWING  
NUMBER

12

16

ISSUE

12

CHECK

REVISIONS

A OBS

47488

SMA

24 MAR 80

RE-IN

PR 9199

TSM

18 AUG 80

C

C049806

JAP

25 SEPT 81

D

C0

53766-B

S L B

15 SEPT 83

E

C057370

JAP

12 MAY 85

F

C063684

T S K

21 JUN 88

G

C094274

DLM

17 MAR 99

CHECK

18 AUG 80

CHECK

18 AUG 80

CHECK

18 AUG 80

CHECK

18 AUG 80

FORMTEK

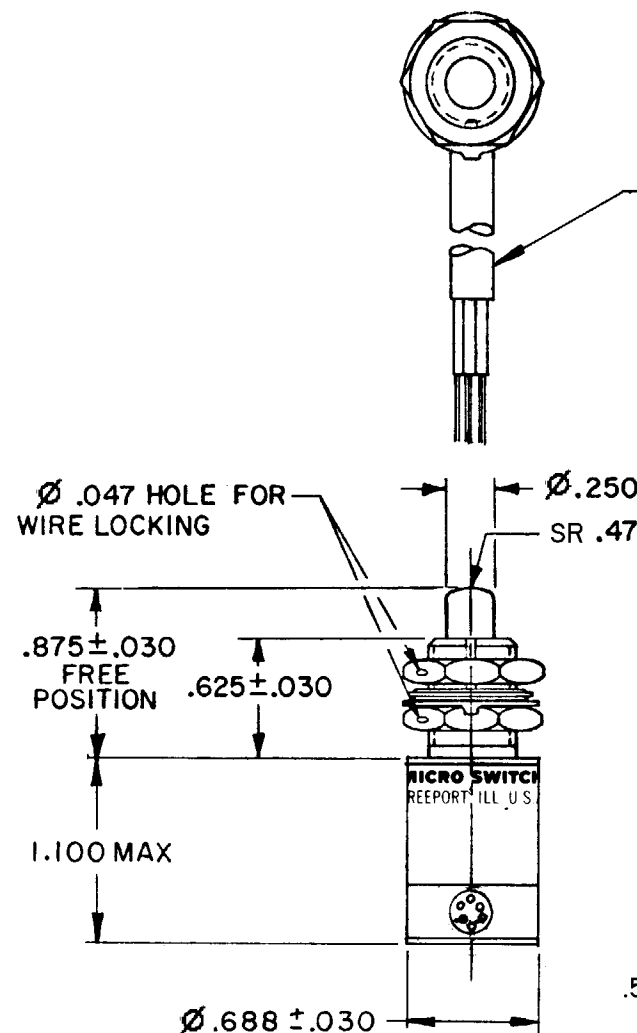
FO-5285 1-A

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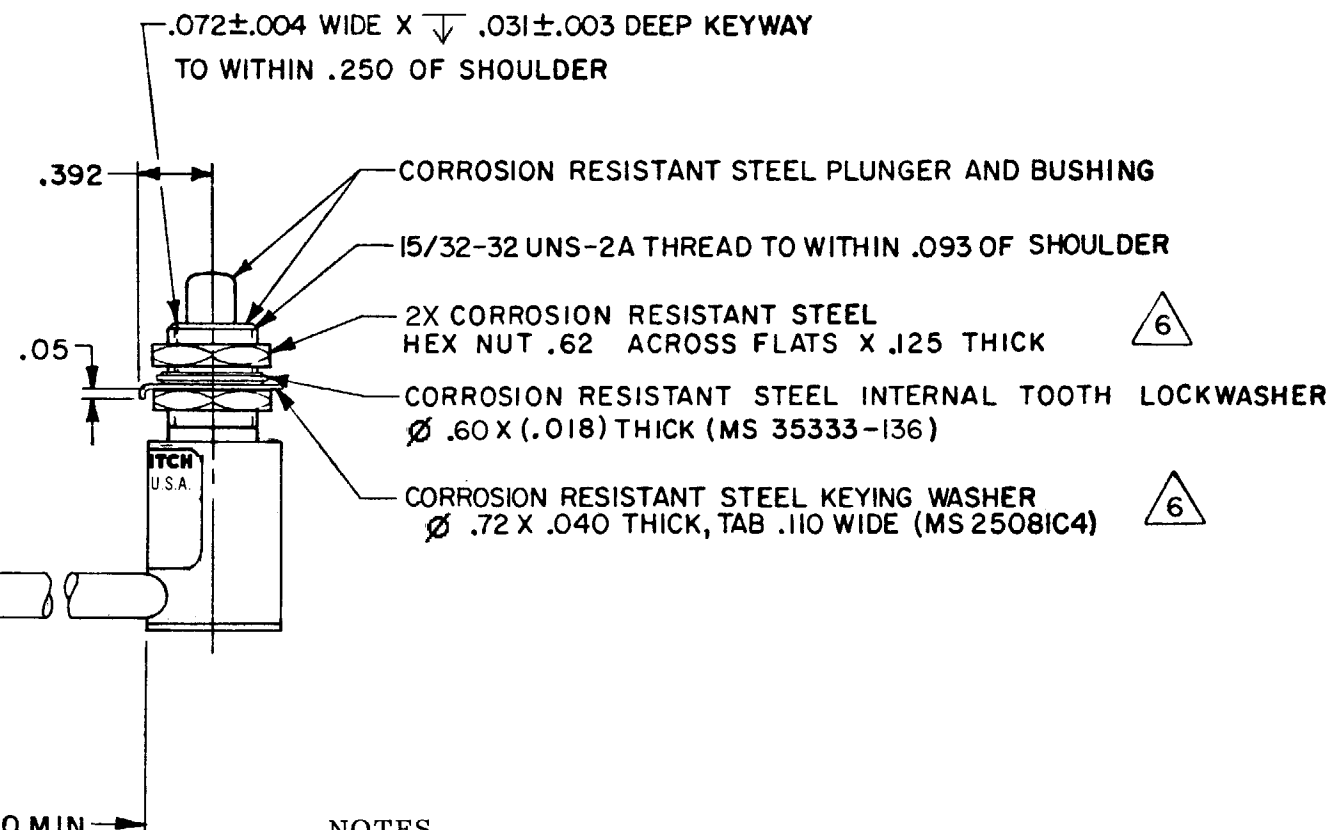
TSM

18 AUG 80

CHECK



CABLE: 6 CONDUCTOR, 20 GAGE PER MIL-W-22759/11  
WITH BLACK HEAT SHRINK TUBING PER MIL-I-23053/5  
COLORS-BLACK, BLUE, GREEN, WHITE, RED AND ORANGE



NOTES

- 1 CORROSION RESISTANT STEEL ENCLOSURE
- 2 SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 3 CIRCUIT DIAGRAM, CAT. LIST., FED. MFG. CODE AND DATE CODE ARE SHOWN ON NAMEPLATE
- 4 COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 5 CONDUCTORS COLOR CODED TO SHOW CIRCUIT IDENTIFICATION
- 6 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES  
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

|              | DIM.       | TOL.     | DIM.       | TOL.     |
|--------------|------------|----------|------------|----------|
|              | mm         | mm/in    | in         | mm/in    |
| NO PLACES    | X          | 17.04    | X          | 0.81/03  |
| ONE PLACE    | X, X       | 0.47/018 | X, X       | 0.38/015 |
| TWO PLACES   | X, X, X    | 0.15/008 | X, X, X    | 0.13/005 |
| THREE PLACES | X, X, X, X |          | X, X, X, X |          |
| ANGLES       |            |          |            |          |

DESIGN UNITS  
SI METRIC ☐ US CUSTOMARY ☒

RAW MATERIAL-COMMERCIAL STANDARD  
MICRO SWITCH STANDARDS APPLY  
DIMENSIONS ARE TO BE MET BEFORE  
PROTECTIVE COATINGS ARE APPLIED

WEIGHT 5.0 OZ

ANSI Y14.5M-1982 APPLIES

| CHARACTERISTICS     |           |
|---------------------|-----------|
| OPERATING FORCE     | 6-12 LB   |
| DIFFERENTIAL FORCE  | 30 LB MAX |
| RELEASE FORCE       | 4 LB MIN  |
| PRETRAVEL           | .040 MAX  |
| DIFFERENTIAL TRAVEL | .020 MAX  |
| OVERTRAVEL          | .125 MIN  |

| ELECTRICAL DATA                   |           |            |
|-----------------------------------|-----------|------------|
| CONTACT ARRANGEMENT<br>2X S P D T |           |            |
| LOAD                              | 28 VDC    |            |
|                                   | SEA LEVEL | 50,000 FT. |
| RES                               | 7         | 7          |
| IND                               | 4         | 2.5        |
| MOTOR                             | 4         |            |
| LAMP                              |           |            |

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