

**ISE227**

**M**

DRAWING  
NUMBER

**3**

**6**

ISSUE

**3**

**3**

REPLACES

RELEASE NO. PR-12574

CHECK

**REVISIONS**

A REL PR-12574

TSK DEC 83

B C056103

CJH

12 NOV 84

C C057041A

CJH

21 MAR 85

D C057876

CJH

20 SEP 85

E C062731

JAP

8 JAN 88

CHECK

9 DEC 83

9 DEC 83

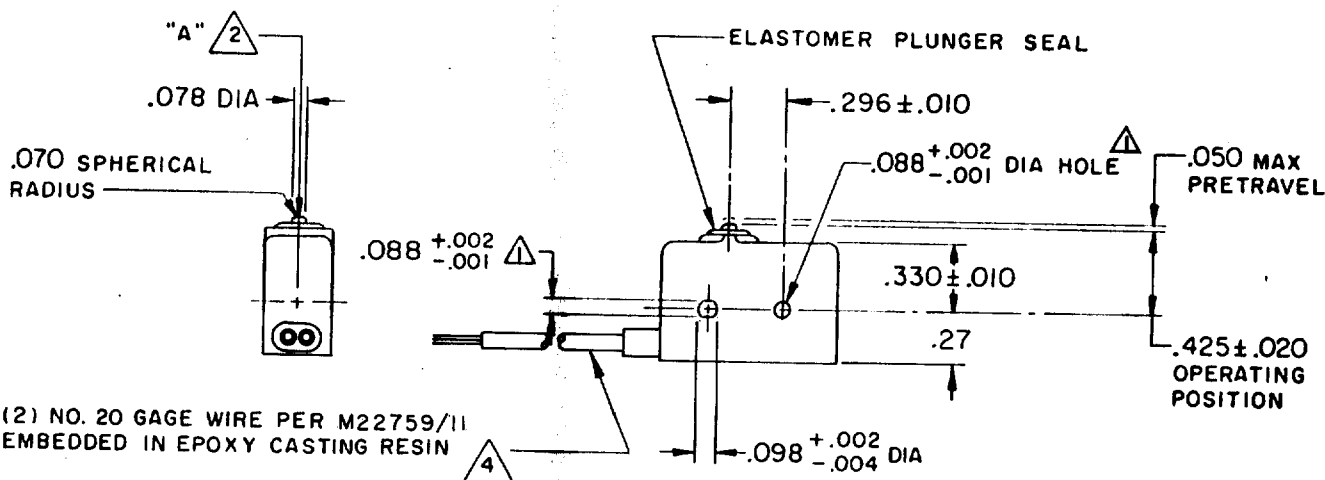
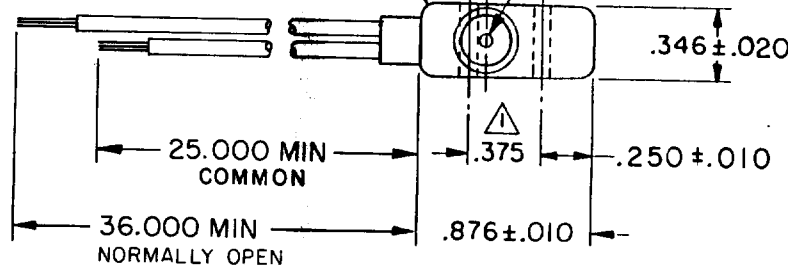
9 DEC 83

9 DEC 83

9 DEC 83

CORROSION RESISTANT  
METAL ENCLOSURE

CORROSION RESISTANT  
STEEL PLUNGER



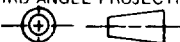
(2) NO. 20 GAGE WIRE PER M22759/11  
EMBEDDED IN EPOXY CASTING RESIN

**NOTE -**

- ① MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .375 ± .002 CENTERS
- ② ACTUATION IN LINE WITH ARROW "A" IS RECOMMENDED
- ③ WEIGHT OF SWITCH ONLY IS .26 OZ MAX. WEIGHT OF SWITCH WITH LEADS IS 1.72 OZ MAX
- ④ WIRE LEADS MARKED WITH BLACK INK EACH 3.0 MAX AS FOLLOWS: NO-20 AND C-20 PER MIL-W-5088

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THIRD ANGLE PROJECTION



**CHARACTERISTICS**

OPERATING FORCE ----- 5-17 OZ  
RELEASE FORCE ----- 4 OZ MIN  
RELEASE TRAVEL ----- .004 MIN  
DIFFERENTIAL TRAVEL ----- .004 MAX  
OVERTRAVEL ----- .003 MIN

**ELECTRICAL DATA**

CONTACT ARRANGEMENT  
S P N O

250 VAC ----- 5 AMP  
30 VOLTS DC RATING  
INDUCTIVE ----- SEA LEVEL --- 3 AMP  
50,000 FT --- 2.5 AMP  
RESISTIVE ----- SEA LEVEL --- 5 AMP  
50,000 FT --- 5 AMP  
MAXIMUM INRUSH ----- 24 AMP

SCALE FULL

DO NOT SCALE PRINT

**TOLERANCES**

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

|              | DIM.<br>mm | TOL.<br>mm/in | DIM.<br>in | TOL.<br>mm/in |
|--------------|------------|---------------|------------|---------------|
| NO PLACES    | X          | 1/.04         | X          | 0.01/0.3      |
| ONE PLACE    | X,X        | 0.4/.016      | X,X        | 0.38/.015     |
| TWO PLACES   | X,X,X      | 0.15/.006     | X,X,X      | 0.13/.005     |
| THREE PLACES | X,X,X,X    |               | X,X,X,X    |               |
| ANGLES       |            |               |            |               |

SI METRIC  
DESIGN UNITS ☐

US CUSTOMARY  
☒

WEIGHT

3