

MICRO SWITCHFREEPORT ILLINOIS, U.S.A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929**SWITCH - BASIC**

CATALOG LISTING

12SE2**12SE2**

PAGE 1 OF 1

MDRAWING
NUMBER**5**

ISSUE

6

REPLACES

RELEASE NO. PR-242

CHECK

REVISIONS

A C051463

G J W
16 JUL 82

B C057041A

C J H
21 MAR 85

C C094274

D L M
MAR 99

CHECK

CHECK

CHECK

CHECK

CHECK

CHECK

SPECIAL
ELASTOMER PLUNGER SEAL

CORROSION RESISTANT STEEL PLUNGER

CORROSION RESISTANT TREATED
METAL ENCLOSURE.050 MAX
PRETRAVEL.425±.020
OPERATING
POSITION.088^{+.002}_{-.001} $\triangle 1$

COMMON

NORMALLY CLOSED

.098^{+.002}_{-.004} DIA

.390 REF

.234 REF

.296±.010

.088^{+.002}_{-.001} DIA HOLE $\triangle 1$

.330±.010

.27

.876±.010

.375 $\triangle 1$

.250±.010

.346±.020

.070 SPHER R

"A" $\triangle 2$

.078 DIA

12.000 MIN

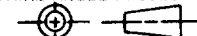
(2) NO. 20 WIRE LEAD
PER MIL-W-22759/11
EMBEDDED IN EPOXY
CASTING RESIN

NOTES

- $\triangle 1$ MOUNTING HOLES WILL ACCEPT .087 MAX DIA PINS OR SCREWS ON .375±.002 CENTERS
- $\triangle 2$ ACTUATION IN LINE WITH ARROW "A" IS RECOMMENDED
- $\triangle 3$ WEIGHT OF SWITCH ONLY IS .26 OZ MAX, WEIGHT OF SWITCH WITH WIRE LEADS IS .51 OZ MAX
- 4 - ESTABLISHED FOR GRIMES MANUFACTURING CO.
- 5 - BASIC SWITCH SHALL HAVE A MAXIMUM RELEASE TIME OF (1) SECOND FOLLOWING 30 DAYS MAXIMUM EXPOSURE IN AIR THROUGH THE TEMPERATURE RANGE OF -65°F TO +221°F

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THIRD ANGLE PROJECTION

**CHARACTERISTICS**

OPERATING FORCE-----5-19 OZ

RELEASE FORCE-----4 OZ MIN

RELEASE TRAVEL-----.004 MIN

DIFFERENTIAL TRAVEL-----.004 MAX

OVERTRAVEL-----.003 MIN

ELECTRICAL DATACONTACT ARRANGEMENT
S P N C

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

TOLERANCESAPPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR
REFERENCE. UNLESS NOTED, TOLERANCES ARE $\pm$

	DM. mm	TOL. mm/in	DM. in	TOL. mm/in
NO PLACES	X	17.04	X	0.005
ONE PLACE	X.X	0.47/0.18	X.X	0.005
TWO PLACES	X.XX	0.10/0.008	X.XX	0.005
THREE PLACES	X.XXX		X.XXX	0.005
ANGLES				

SI METRIC

US CUSTOMARY

DESIGN UNITS ☐☒WEIGHT $\triangle 3$

FORMTEK

FO-32848-A

DRAWN

G J W 16 JUL 82 CHECK G J W 27 JUL 82

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