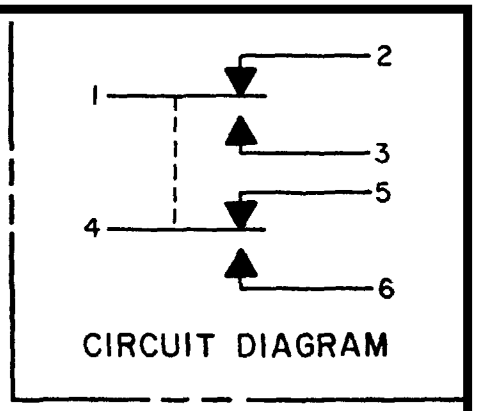
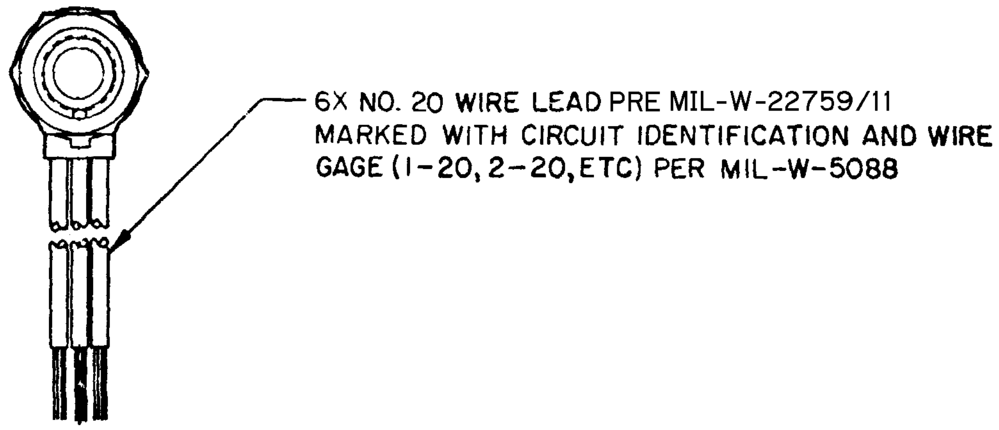
MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

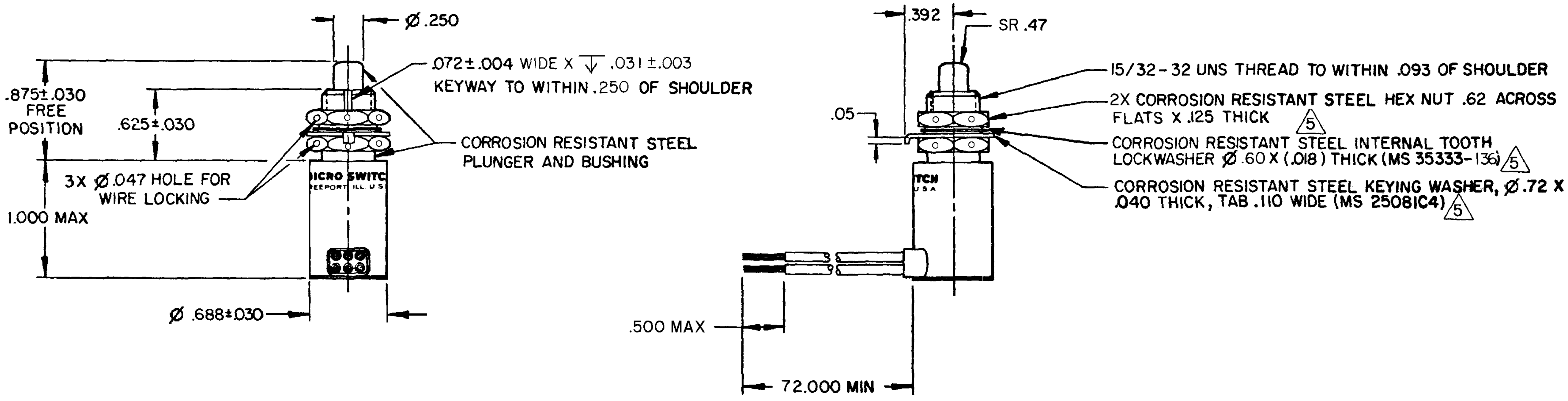
SWITCH - ENCLOSED

CATALOG LISTING
602EN16-6



CIRCUIT DIAGRAM


6X NO. 20 WIRE LEAD PRE MIL-W-22759/11
MARKED WITH CIRCUIT IDENTIFICATION AND WIRE
GAGE (1-20, 2-20, ETC) PER MIL-W-5088


Ø.250
.072±.004 WIDE X ↧ .031±.003
KEYWAY TO WITHIN .250 OF SHOULDER
.875±.030
FREE
POSITION
.625±.030
CORROSION RESISTANT STEEL
PLUNGER AND BUSHING
3X Ø.047 HOLE FOR
WIRE LOCKING
1.000 MAX
MICRO SWITCH
FREEPORT ILL U S
Ø .688±.030
.392
SR .47
.05
15/32-32 UNS THREAD TO WITHIN .093 OF SHOULDER
2X CORROSION RESISTANT STEEL HEX NUT .62 ACROSS
FLATS X .125 THICK 5
CORROSION RESISTANT STEEL INTERNAL TOOTH
LOCKWASHER Ø.60 X (.018) THICK (MS 35333-136) 5
CORROSION RESISTANT STEEL KEYING WASHER, Ø.72 X
.040 THICK, TAB .110 WIDE (MS 25081C4) 5
.500 MAX
72.000 MIN

NOTES

1 - CORROSION RESISTANT STEEL ENCLOSURE
2 - CIRCUIT DIAGRAM, CAT. LIST., FED. MFG. CODE AND DATE CODE ARE PERMANENTLY MARKED ON SIDE OF HOUSING
3 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
5 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

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THIRD ANGLE PROJECTION

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

ELECTRICAL DATA

CONTACT ARRANGEMENT
2X SPDT

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	7	7
IND	4	2.5
MOTOR	4	

SCALE FULL

DO NOT SCALE PRINT

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

	DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/.04		
ONE PLACE	X,X	0.4/.016	X.X	0.8/.03
TWO PLACES	X,XX	0.15/.006	X.XX	0.38/.015
THREE PLACES			X.XXX	0.13/.005
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 6.2 OZ MAX

ANSI Y14.5M-1982 APPLIES

CATALOG LISTING
602EN16-6
PAGE 1 OF 1
DRAWING NUMBER
ISSUE 17
REPLACES X33967
RELEASE NO. SR-11915

REVISIONS

A	C044351	D J W 5 MAR 80
B	C047573	J A P 7 AUG 80
C	C049806C	K A G 28 SEP 81
D	C057370	J A P 14 MAY 85
E	C094274	DLM 17 MAR 99
F	201750	C S L 16 NOV 00
G	0038166	NR 17MAR08

CHECK 17MAR08
CMH
CHECK CEB 7 MAR 80
CHECK
DRAWN D J W 5 MAR 80
RASTER
FO-52851-A

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