

MICRO SWITCH

FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL

FED MFG CODE 81829

SWITCH - ENCLOSED

CATALOG LISTING

21EN359

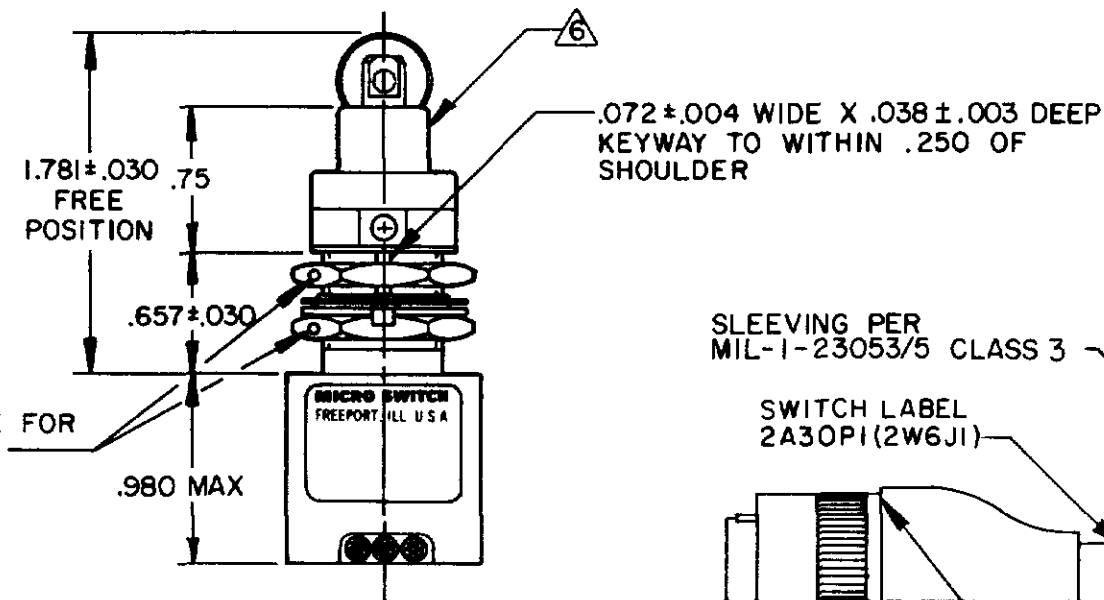
U.S. ARMY DRAWING

19207-12294649-5

ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT MAY ALSO BE UNSCREWED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION ³

SWITCH LABEL
19207-12294649-5
2A30
MFR-91929

(3) NO 20 LEADWIRE PER SPEC MIL W 81044/9-20-9



.072±.004 WIDE X .038±.003 DEEP KEYWAY TO WITHIN .250 OF SHOULDER

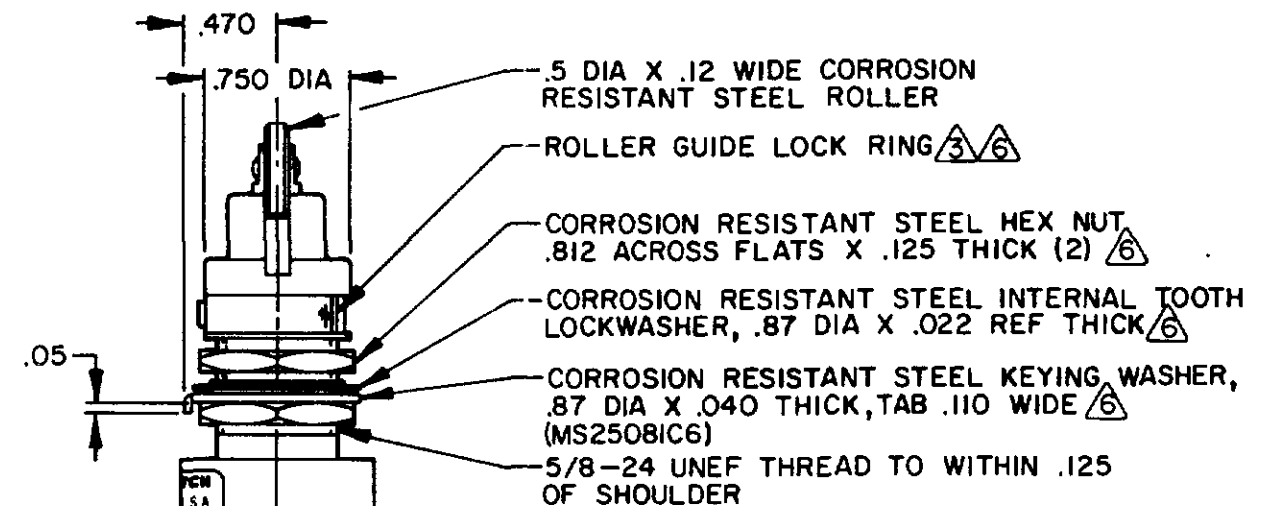
SLEEVING PER MIL-1-23053/5 CLASS 3

SWITCH LABEL
2A30P1(2W6J1)

CONNECTOR MS 3116E8-33P
OR MS 3476W8-33P

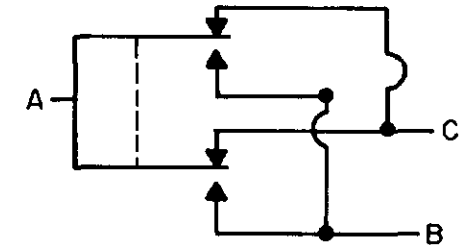
BOOT 12293286-2

ADAPTER (UNDER BOOT) 12293185-1



HEAT MELTABLE TAPE 2589945-3

55.000^{+2.000}_{-0.000}



CIRCUIT DIAGRAM

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- ³ TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING
- 4 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 5 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- ⁶ HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

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

	OH	TOL.	OH	TOL.
	mm	mm/in	in	mm/in
NO PLACES	X	17/04	X	0.07/00
ONE PLACE	X	0.4/015	X	0.38/015
TWO PLACES	X	0.15/008	X	0.13/005
THREE PLACES	X		X	
ANGLES				

DESIGN UNITS ☐ METRIC ☒ US CUSTOMARY

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

WEIGHT 1.5 OZ MAX

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	.250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
SPDT (2)

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	
LAMP		

CATALOG LISTING
21EN359

PAGE 1 OF 1

ISSUE
M

15

REVISIONS

A	PR15117	JAS	21 NOV 86
B	CO61309	YSR	10 MAR 87
C	CO61895	WAF	22 JUN 87
D	CO-61816	TPS	20 AUG 87
E	CO89948	YSM	11 MAR 91
F	CO71860	LJF	31 JAN 92
G	CO74101	GJW	29 JAN 93
H	CO778048	SAD	16 MAY 94
J	CO-82809A	JAK	31 JUL 96
K	0000487		

RASTER
DRAWN

CHECK
JAS 21 NOV 86