

MICRO SWITCH

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

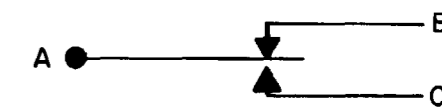
FED. MFG. CODE 91929

SWITCH - ENCLOSED

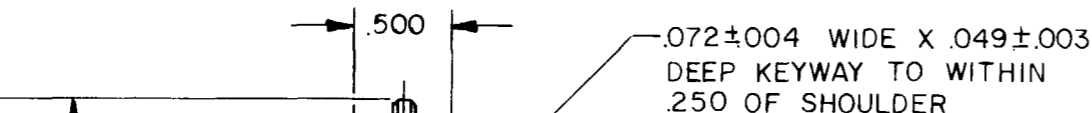
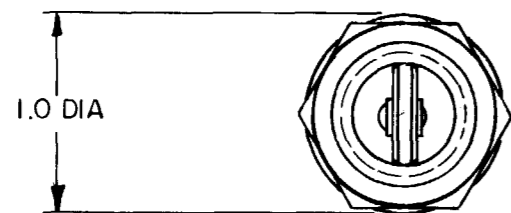
CATALOG LISTING

21 EN380

U.S. ARMY DRAWING
19207 - 12307598



CIRCUIT DIAGRAM



2.140 ±.030
FREE POSITION

1.800 REF

1.165 MAX

.047 DIA HOLE FOR
WIRE LOCKING

12.000 +.750
-.000 (TO END OF CONNECTOR)

BOOT ORDNANCE NO. 12295744-2
OR 12293286-20

CONNECTOR ORDNANCE NO.
80064 - 2590039-3

.470

.5 DIA X .12 WIDE CORROSION RESISTANT STEEL
ROLLER ⁴

3/4 X 20 UNEF THREAD TO WITHIN .125 OF
SHOULDER

CORROSION RESISTANT STEEL HEX NUT .938 ACROSS
FLATS X .125 THICK (2) ⁶

CORROSION RESISTANT STEEL INTERNAL TOOTH LOCK-
WASHER, 1.077 DIA X .022 REF THICK ⁶

CORROSION RESISTANT STEEL KEYING WASHER, .984 DIA X
.031 THICK, TAB .110 WIDE ⁶

(3) NO. 16 WIRE LEADS PER M81044/9-16-9
MARKED PER MIL-W-5088 ENCASED WITH SLEEVING
PER MIL-DLT-23053 / 5 CLASS 3

HEAT MELTABLE TAPE 2589945-3

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 3 - CIRCUIT DIAGRAM, CATALOG LISTING, CUSTOMER PART NUMBER AND DATE CODE ARE SHOWN ON NAMEPLATE
- ⁴ FIXED ROLLER ORIENTATION IN LINE WITH KEYWAY
- ⁵ COINCIDENCE OF OPERATE AND RELEASE POINT .010
- ⁶ HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

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SCALE FULL

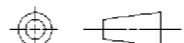
DO NOT SCALE PRINT

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		
S P D T		
28 VDC		
LOAD	SEA LEVEL	50,000 FT
RES	7	4
IND	4	2.5
MOTOR	4	
LAMP		

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.0)	±.030
TWO PLACE	(.00)	±.015
THREE PLACE	(.000)	±.005
ANGLES		±

THIRD ANGLE PROJECTION



WEIGHT 13.0 OZ MAX

21EN380
 M
 DRAWING NUMBER
 7
 ISSUE
 6
 REVISIONS
 A 14083 PR 16 AUG 85 G J W
 B C061816 TPS 20 AUG 87 C C069942 DAW 12 APR 91 D C071860 L J F 31 JAN 92 E C073213 T S M 11 SEP 92 F 203632 J L H 16 AUG 01
 16 AUG 85 CHECK K A G 23 AUG 85 CHECK T R F
 16 AUG 85 CHECK G J W
 FO-52851-B
 DRAWN
 G J W
 REPLACES
 RELEASE NO. PR-14083