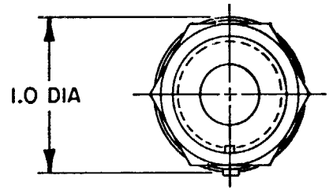
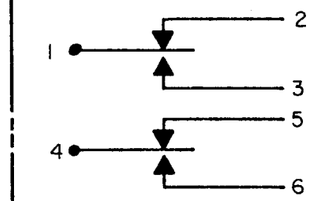
MICRO SWITCH
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

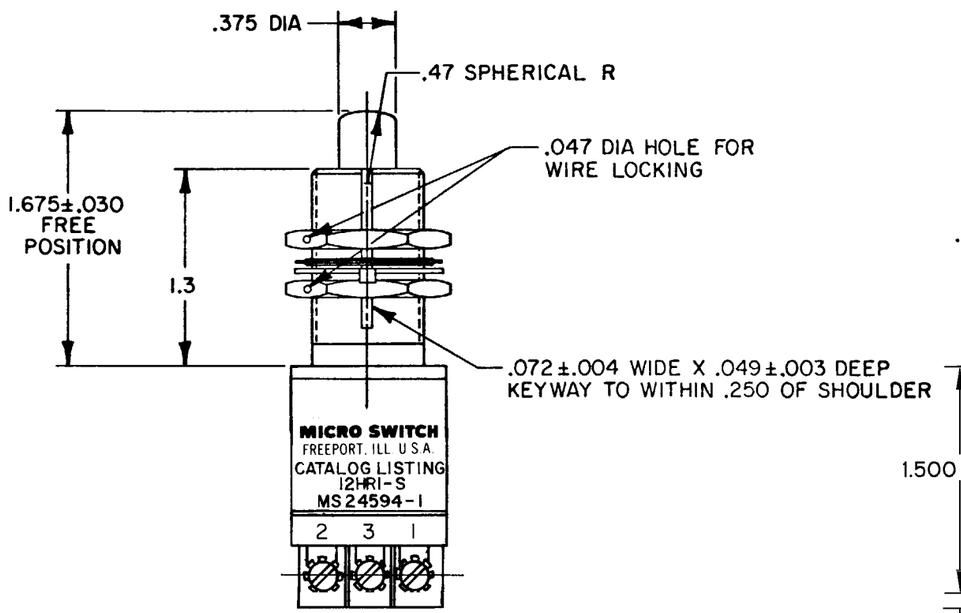
SWITCH - ENCLOSED

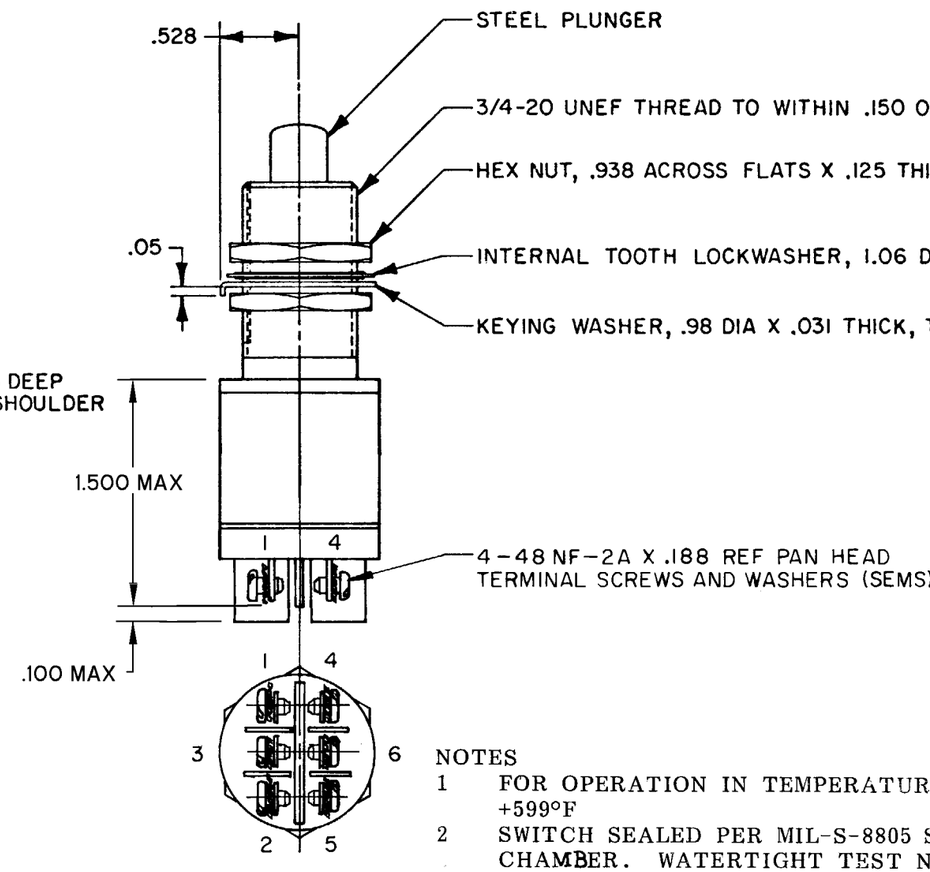
CATALOG LISTING
12HR1-S
MILITARY STANDARD
MS24594-1





CIRCUIT DIAGRAM





NOTES
1. FOR OPERATION IN TEMPERATURES OF -85°F TO +599°F
2. SWITCH SEALED PER MIL-S-8805 SYMBOL 5 SWITCH CHAMBER. WATERTIGHT TEST NOT APPLICABLE
3. TERMINAL IDENTIFICATION IS SHOWN ON SWITCH ABOVE TERMINALS
4. COINCIDENCE OF OPERATING AND RELEASING POINTS .005 INCH OF PLUNGER TRAVEL
5. ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIAL
6. CIRCUIT DIAGRAM PERMANENTLY MARKED ON SWITCH HOUSING
7. HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-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.

CHARACTERISTICS	
OPERATING FORCE	6-12 LBS
FULL OVERTRAVEL FORCE	35 LBS MAX
RELEASE FORCE	5 LBS MIN
PRETRAVEL	.050 MAX
DIFFERENTIAL TRAVEL	.015 MAX
OVERTRAVEL	.250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
(2) S P D T

28 VOLTS DC (EACH CIRCUIT)

RESISTIVE	5 AMP
INDUCTIVE	2 AMP

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 ☒

THIRD ANGLE PROJECTION

WEIGHT 4 1/2 OZ MAX

12HR1-S PAGE 1 OF 1
DRAWING NUMBER M 15
ISSUE

RELEASE NO. SR-7305

REVISIONS

A	47573	TSM	18 JULY 80
B	C047277	J A P	5 JAN 81
C	C093991	MPO	14 DEC 98

REPLACES
CHECK
DRAWN
TSM 18 JULY 80
JAF 14 DEC 98
CHECK
CAH 23 JULY 80
CHECK

FORMTEK FO-5285 1-B