

MICRO SWITCH

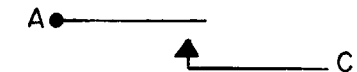
FREEPORT, ILLINOIS U.S.A.
A DIVISION OF HONEYWELL

FED. MFG. CODE 91929

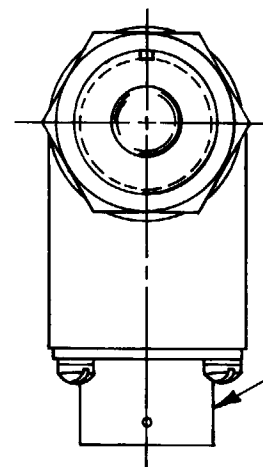
SWITCH-ENCLOSED

CATALOG LISTING

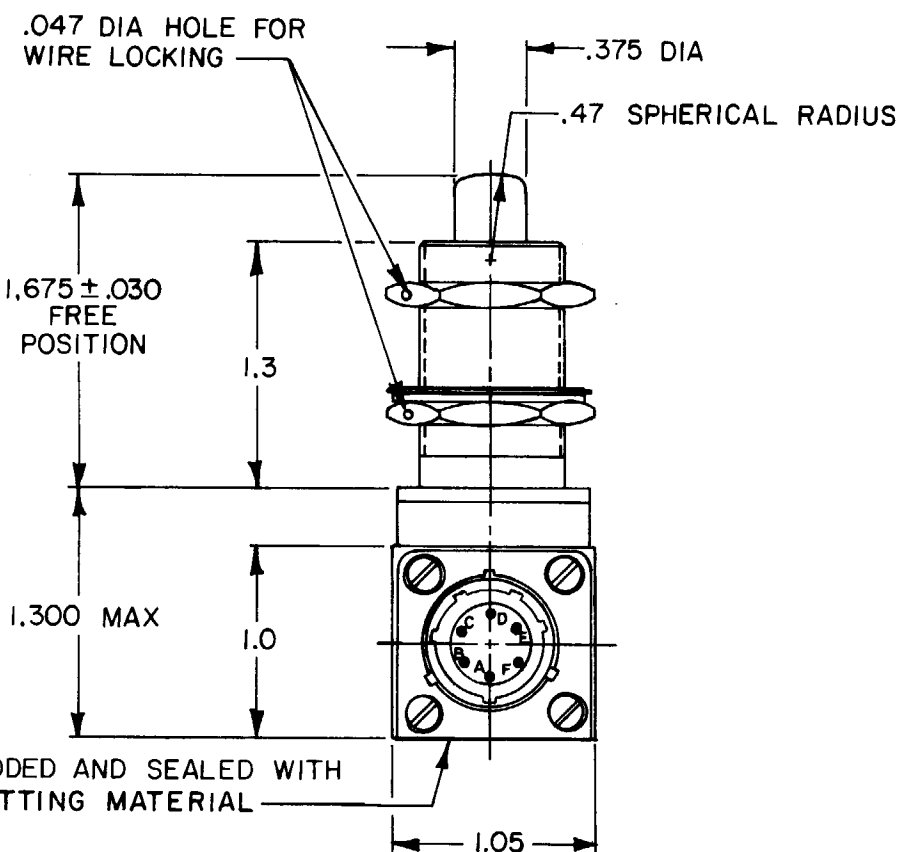
12HR11-R



CIRCUIT DIAGRAM



CONNECTOR TO MATE WITH
MS 3476E10-6S



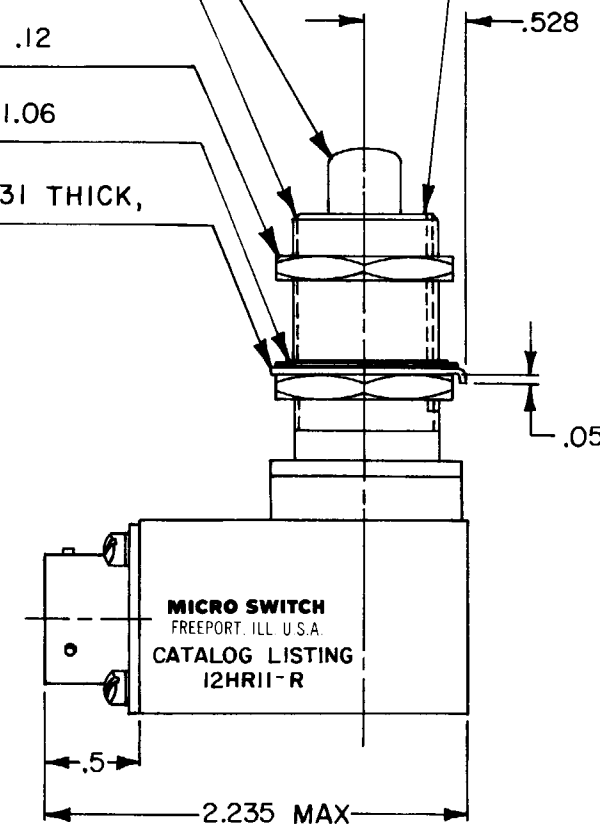
CORROSION RESISTANT STEEL PLUNGER
3/4-20 UNEF THREAD TO WITHIN .150
OF SHOULDER

HEX NUT .938 ACROSS FLATS X .12
THICK (2) 6

INTERNAL TOOTH LOCKWASHER 1.06
DIA X .022 REF THICK 6

KEYING WASHER .98 DIA X .031 THICK,
TAB .110 WIDE 6

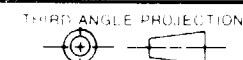
.072 ± .004 WIDE X .044 ± .003
DEEP KEYWAY TO WITHIN .250
OF SHOULDER



NOTES

- 1 ALL EXPOSED PARTS ARE CORROSION RESISTANT OR SUITABLY PLATED TO WITHSTAND CORROSION
- 2 SWITCH SEALED PER MIL-S-8805 SYMBOL 5 SWITCH CHAMBER. WATERTIGHT TEST NOT APPLICABLE
- 3 CIRCUIT DIAGRAM PERMANENTLY MARKED ON SWITCH HOUSING
- 4 RECEPTACLE PIN IDENTIFICATION IS SHOWN ON CIRCUIT DIAGRAM
- 5 SWITCH WILL OPERATE SATISFACTORILY IN TEMPERATURES FROM -85°F TO +400°F
- 6 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

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SCALE FULL

DO NOT SCALE PRINT

TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE 2

	DIM.	TOL.	DIM.	TOL.
	in.	mm/in.	in.	mm/in.
NO PLACES	X	1/64	X	0.87/03
ONE PLACE	X.X	0.4/016	X.X	0.38/016
TWO PLACES	X.XX	0.15/006	X.XX	0.13/005
THREE PLACES	X.XXX		X.XXX	

SI METRIC ☐ US CUSTOMARY ☒

DESIGN UNITS

HAW MATERIAL-COMMERCIAL STANDARD

MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE

PROTECTIVE COATINGS ARE APPLIED

WEIGHT 6 OZ APPROX

CHARACTERISTICS

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

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P N O (1)

28 VDC
SEA LEVEL

RES

5

IND

2

28 VDC
50,000 FT

REVISIONS

A	PR8664	W J M	13 JUN 80
B	C047277	J A P	8 JAN 81
C	C054204	G J W	15 NOV 83
D	C071719	L J F	3 JAN 92

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M 12HR11-R

DRAWING
NUMBER

X

X

ISSUE

9

RELEASE NO.

PR-8664

REPLACES

FO-5285 1-A

DRAWN

WJM

Mouser Electronics

Authorized Distributor

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