

MICRO SWITCH

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

SWITCH - BASIC

12 HM19-5

12HM19-5

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M

DRAWING
NUMBER

7

ISSUE

REPLACES

RELEASE NO. PR-5805

CHECK

REVISIONS

A PR-5805

RE R

28 APR 76

B CO

51022

D JS

25 MAR 82

C CO 52357

R J H

18 NOV 82

D CO 52357-2

KAG

30 DEC 82

E CO 71228

DAW

29 OCT 91

F CO 94220

DLT

24 MAR 99

CHECK

27 APR 76

DAW

CHECK

DAW

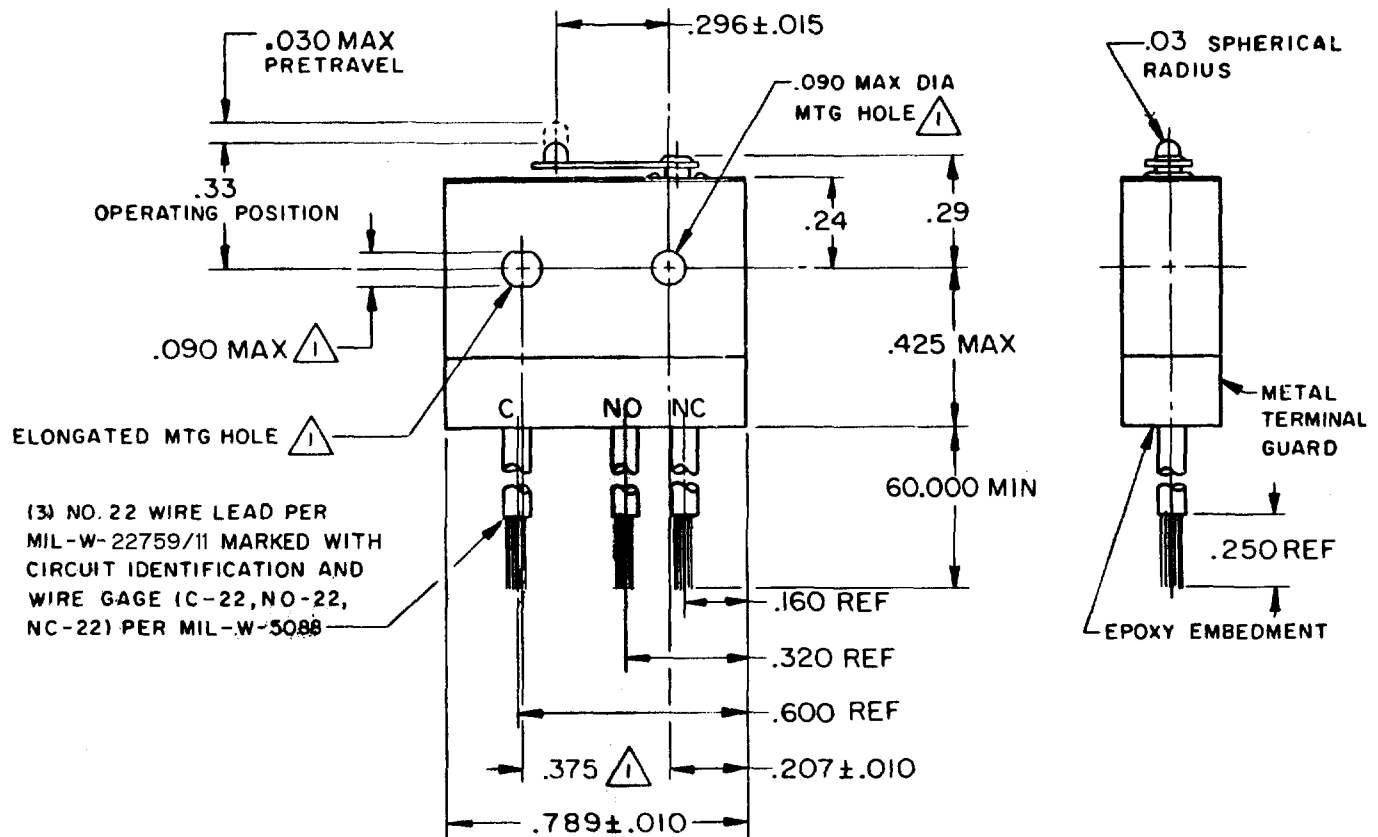
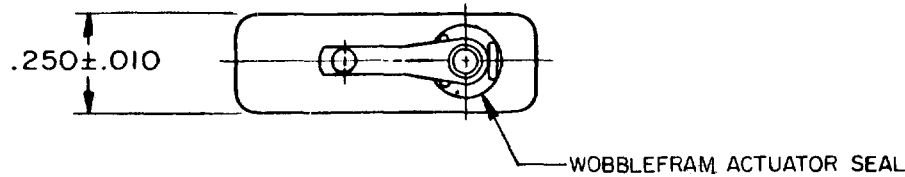
FORMTEK

FO-52848-A

DRAWN

RE R

14 APR 76



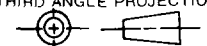
(3) NO. 22 WIRE LEAD PER
MIL-W-22759/11 MARKED WITH
CIRCUIT IDENTIFICATION AND
WIRE GAGE (C-22, NO-22,
NC-22) PER MIL-W-5088

NOTES

- 1 MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .375 ± .002 CENTERS
- 2 - FOR USE IN TEMPERATURE RANGE -85° F TO + 257° F
- 3 - HERMETICALLY SEALED (METAL-TO-METAL, GLASS-TO-METAL)
- 4 ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS
- 5 WEIGHT OF SWITCH ONLY IS 0.22 OZ MAX. WEIGHT OF CONDUCTOR GROUP ONLY IS 1.0 OZ MAX PER FOOT
- 6 - DO NOT APPLY MORE THAN 1 1/2 INCH-POUNDS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS
- 7 - SWITCH WILL REMAIN FUNCTIONAL AFTER BEING SUBJECTED TO THE SHOCK OF MIL-S-901 GRADE A, SUBASSEMBLY, CLASS I, LIGHTWEIGHT TYPE C.

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THIRD ANGLE PROJECTION



CHARACTERISTICS		ELECTRICAL DATA		SCALE 2 TO 1	
OPERATING FORCE - - - - 7 OZ MAX		CONTACT ARRANGEMENT S P D T		DO NOT SCALE PRINT	
RELEASE FORCE - - - - 1 OZ MIN		LINE VOLTAGE	INDUCTIVE LOAD	TOLERANCES	
DIFFERENTIAL TRAVEL - - .006 MAX		SEA LEVEL	1 AMP	APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±	
OVERTRAVEL - - - - .003 MIN		70,000 FT	3 AMP	NO PLACES DIM. TOL. mm 1/04	
		28 VDC		ONE PLACE X,X 0.4/.016	
		SEA LEVEL		TWO PLACES X,XX 0.15/.006	
		115 VAC	1 AMP	THREE PLACES X,XXX 0.38/.015	
		(400 CYCLE)	1 AMP	ANGLES X,XXX 0.13/.005	
				SI METRIC	
				DESIGN UNITS ☐	
				US CUSTOMARY ☒	
				WEIGHT ☒	

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