

# MICRO SWITCH

FREEMONT ILLINOIS U S A  
A DIVISION OF HONEYWELL

FED MFG CODE 91929

# SWITCH - BASIC

CATALOG LISTING

## 2HM19-5

MILITARY STANDARD  
MS-27216-4

2HM19-5  
PAGE 1 OF 1

M

DRAWING  
NUMBER

ISSUE  
7

REPLACES

RELEASE NO. PR-1434

CHECK

70

20

AUG

70

CHECK

70

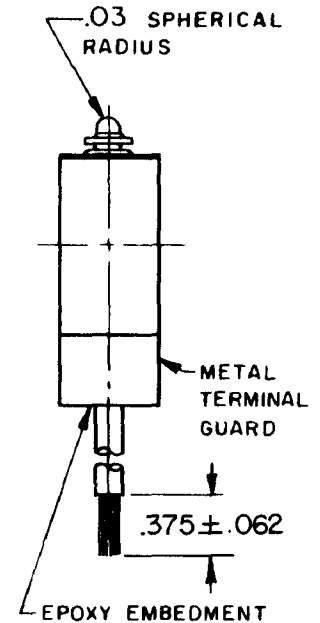
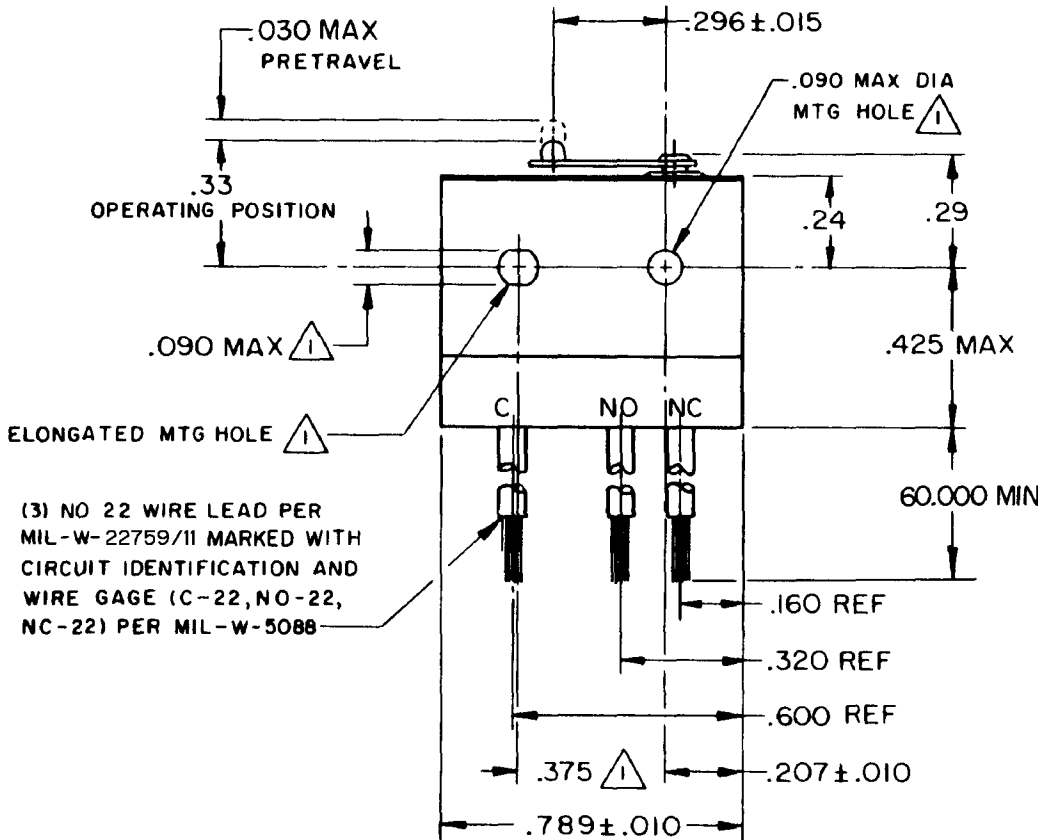
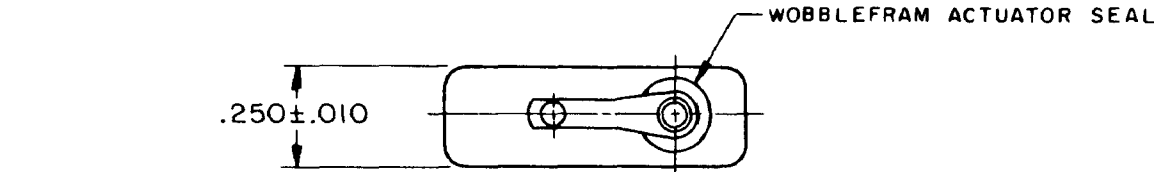
20

AUG

70

CHECK

70



(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

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 --- 7 OZ MAX  
RELEASE FORCE --- 1 OZ MIN  
DIFFERENTIAL TRAVEL --- .006 MAX  
OVERTRAVEL --- .003 MIN

### ELECTRICAL DATA

LOAD	SEA LEVEL		70,000 FT
	28 VDC	115 VAC, 400 CPS	28 VDC
RESISTIVE	4 AMP	2 AMP	4 AMP
INDUCTIVE	2 AMP	2 AMP	2 AMP
LAMP	1 AMP	.5 AMP	1 AMP

SCALE 2 TO 1

DO NOT SCALE PRINT

UNLESS OTHERWISE NOTED  
DIMENSIONS ARE IN INCHES

**TOLERANCES ARE:**  
ONE PLACE ( ) ± .030  
TWO PLACE ( . ) ± .015  
THREE PLACE ( .000 ) ± .005  
ANGLES ±

WEIGHT 5

FORMTEK

FO-90378 - 1A

DRAWN

LSD 20 AUG 70