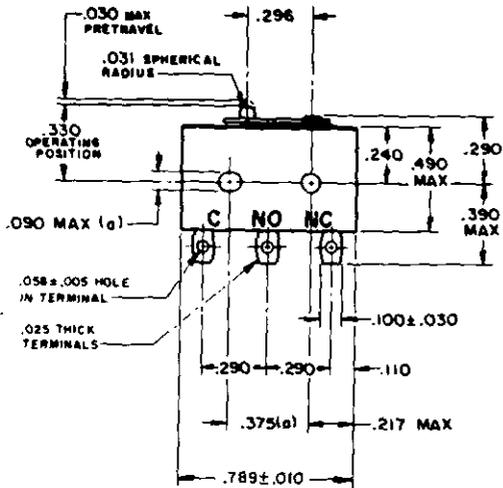
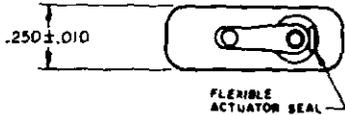
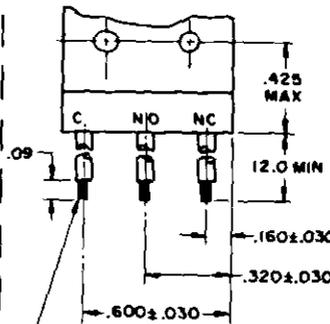


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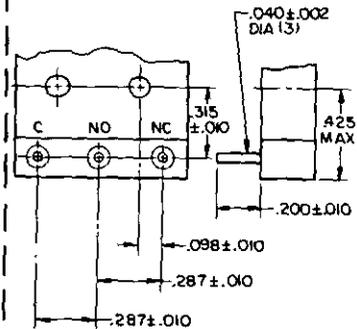


-1



-2

(SAME AS -1, EXCEPT AS SHOWN)



-3

(SAME AS -1, EXCEPT AS SHOWN)

13) NO. 22 WIRE LEAD PER MIL-W-16878 TYPE E1 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (C-22, NO-22, NC-22) PER MIL-W-5088

DASH NO.	TERMINATION	TEMPERATURE RANGE
-1	SOLDER Δ	-300° F TO +250° F
-2	WIRE LEAD	-85° F TO +250° F (-300° F TO +250° F IF WIRE LEADS ARE NOT FLEXED)
-3	CIRCUIT BOARD PLUG-IN Δ	-300° F TO +250° F

DETAIL REQUIREMENTS:

- (A) CONTACT ARRANGEMENT - SINGLE POLE DOUBLE THROW
- (B) RATED LOAD: (DC 28 VOLTS)
 - RESISTIVE ----- 5 AMP
 - INDUCTIVE ----- 3 AMP
 - MOTOR ----- 4 AMP
- (C) MINIMUM OPERATING CYCLES ----- 25,000
- (D) ACTUATING FORCE ----- 7 OZ MAX
- (E) RELEASE FORCE ----- 1 OZ MIN
- (F) MOVEMENT DIFFERENTIAL ----- .006 MAX
- (G) PRETRAVEL ----- .030 MAX
- (H) OVERTRAVEL ----- .003 MIN
- (I) STRENGTH OF PLUNGER PIN AND PIN STOP ----- 10 LB
- (J) STRENGTH OF TERMINALS ----- 10 LB
- (K) MAXIMUM WEIGHT ----- (-1) AND (-3), .014 LB, (-2), .026 LB

(a) MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .375 ± .002 CENTERS. MOUNTING MEANS IS DIRECTLY INTERCHANGEABLE WITH MILITARY STANDARD PART MS25085

NOTE -

- 1- CIRCUITS MUST BE INTERRUPTED IN A CHAMBER HERMETICALLY SEALED BY A FUSION OF METAL TO METAL, GLASS TO METAL, CERAMIC TO METAL, OR A COMBINATION THEREOF. THE LEAKAGE RATE OF THIS DESIGN SHALL NOT EXCEED 1×10^{-6} ATMOSPHERES CC/SEC. AT A PRESSURE DIFFERENTIAL OF ONE ATMOSPHERE
- 2- THE TERMINAL DESIGNATION SHALL BE PERMANENTLY AND LEGIBLY MARKED ON SWITCH ENCLOSURE
- Δ 3- TERMINALS ARE TINNED FOR SOLDERING
- 4- EXACT SHAPE OF SWITCH OPTIONAL, PROVIDED DIMENSIONS SPECIFIED ARE NOT EXCEEDED
- 5- DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE: DECIMALS ±.015
- 6- THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN
- 7- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID

Ⓐ CANCELLED FOR PROCUREMENT USE MIL-S-8805/8

APPROVED 3 OCTOBER 1963 REVISED Ⓐ 10 OCTOBER 1968

P.A. AFLC/SGEE Other Cust	TITLE SWITCH, SENSITIVE - SUBMINIATURE HERMETICALLY SEALED	MILITARY STANDARD MS27216(USAF)
PROCUREMENT SPECIFICATION MIL-S-6743	SUPERSEDES:	SHEET OF

This drawing has been approved by the Department of Defense and is mandatory for use by this activity. All other military activities are required to employ this standard where suitable.