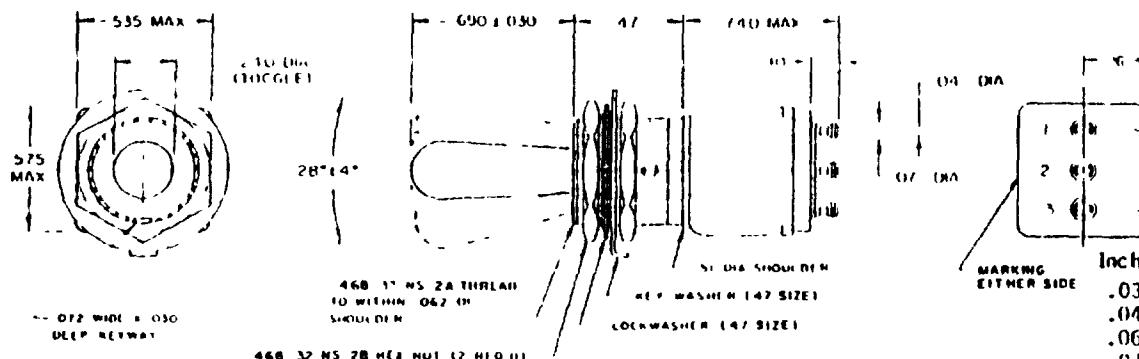


OF THIS
 E REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL COV-
 ER SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT
 DOCUMENT SPECIFIED IN THE SOLICITATION MIL-S-83731

THIS SHEET IS APPROVED FOR USE BY
 ALL DEPARTMENTS AND AGENCIES
 OF THE DEPARTMENT OF DEFENSE

Form Approved
OMB No 0704-0188



| | Inches | MM |
|---------------------|--------|-------|
| MARKING EITHER SIDE | .030 | 0.76 |
| | .04 | 1.02 |
| | .062 | 1.57 |
| | .07 | 1.78 |
| | .072 | 1.83 |
| | .10 | 2.5 |
| | .175 | 4.45 |
| | .240 | 6.10 |
| | .26 | 6.6 |
| | .468 | 11.89 |
| | .47 | 11.9 |
| | .51 | 13.0 |
| | .535 | 13.59 |
| | .575 | 14.61 |
| | .690 | 16.26 |
| | .740 | 18.80 |

NOTES

- Dimensions are in inches.
- Metric equivalents are given for general information only.
- Unless otherwise specified, tolerance is ± 0.020 (0.51 mm) on two place decimals and ± 0.005 (0.13 mm) on three place decimals.
- For hardware detail specifications, see supplement of MIL-S-83731.
- Configuration of switch case is optional provided maximum dimensions specified are not exceeded.

DETAIL REQUIREMENTS.

| CANCELED MS PART NUMBER 1/ | SUBSTITUTE MS PART NUMBER 1/ | CIRCUITS MADE WITH TOGGLE LEVER IN | | |
|----------------------------|------------------------------|------------------------------------|-----------------|--------------------------|
| | | KEYING SIDE 1-2 | CENTER POSITION | OPPOSITE KEYING SIDE 2-3 |
| MS2771B-21 | MS2771B-21-1 | ON | OFF | ON |
| -22 | -22-1 | OFF | HOLD | ON |
| -23 | -23-1 | ON | HOLD | ON |
| -26 | -26-1 | MOM-ON | HOLD | ON |
| -27 | -27-1 | MOM-ON | OFF | MOM-ON |
| -31 | -31-1 | MOM-ON | OFF | ON |

- 1/ The canceled part numbers are no longer procurable; the substitute part numbers have a lower dielectric withstand voltage at reduced barometric pressure (see 2 below).

NOTES

- All switches on this standard are designed so that the movement of the switch mechanism is opposite to that of the toggle lever.
- Test voltage for dielectric withstand voltage at reduced barometric pressure, shall be 400 V rms minimum.
- Electrical endurance shall be performed for 30,000 cycles
- Mechanical endurance shall be performed 50,000 cycles at -65°C and then 50,000 cycles at 85°C.
- Intermediate current shall be performed for 30,000 cycles
- Terminals shall be molded into the switch case and shall accommodate no 18 awg wire.
- (E) Maximum weight shall be .025 lb.
- Electrical ratings for 28 volts dc and 115 volts ac at 400 Hz
Lamp load = 1 ampere, resistive load = 5 amperes, inductive load = 2 amperes.
- In the event of a conflict between the text of this standard and the reference cited herein, the text of this standard shall take precedence
- Referenced Government documents of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DDIIS) specified in the solicitation form a part of this standard to the extent specified herein

(E) denotes changes

| | | |
|---|--|--|
| PREPARING ACTIVITY CUSTODIANS ARMY IR NAVY EC AIR FORCE DLA | MILITARY SPECIFICATION SHEET TITLE SWITCH, TOGGLE, MINIATURE SINGLE POLE, TOGGLE SEAL | SPECIFICATION SHEET NUMBER HS2771BE 18 Jun 1990 |
| REVIEW USER PROJECT NUMBER 5930-1437-02 | | SUPERSEDING MS2771BD 20 May 1988 |
| DISTRIBUTION STATEMENT A | Approved for public release, distribution is unlimited | AMSC N/A ESC 5930 Page 1 of 1 |