

**AMERICAN NATIONAL
STANDARD**

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EIA RS-446-3

EIA STANDARD

**ILLUMINATED AND NON-ILLUMINATED
PUSHBUTTON SWITCHES**

**.750 SQUARE MOUNTING,
1 AND 2 POLES, .001 TO 10 AMPERES**

RS-446-3

(Addendum No. 3 to RS-446)

FEBRUARY 1981



Engineering Department

ELECTRONIC INDUSTRIES ASSOCIATION

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PUSHBUTTON SWITCHES
.750 SQUARE MOUNTING,
1 AND 2 POLES, .001 TO 10 AMPERES

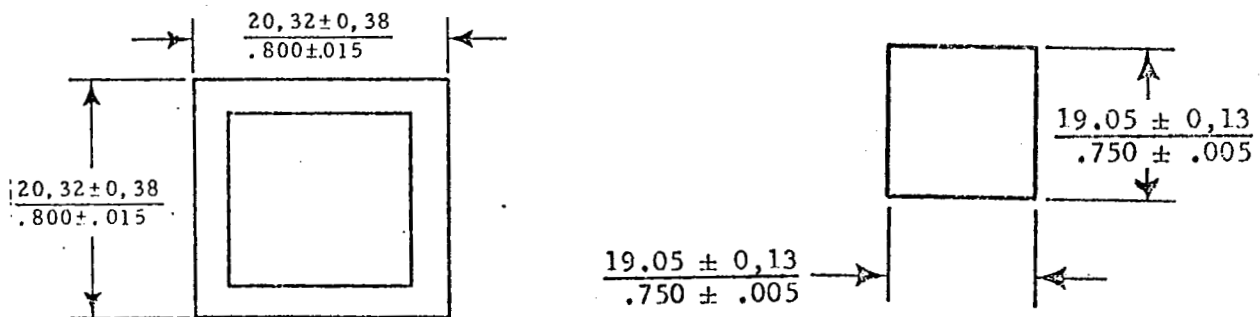
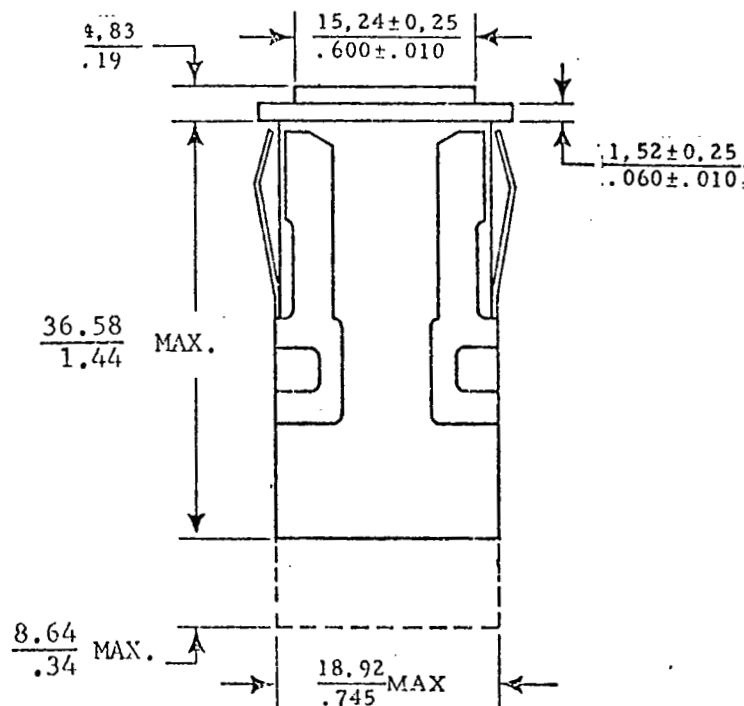
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.750 SQUARE MOUNTING,
1 AND 2 POLES, .001 TO 10 AMPERES

(From EIA Standards Proposal No. 1385, formulated under the cognizance of EIA Working Group P-5.9 on Non-Sensitive Pushbutton and Keyboard Switches.)

The complete requirements for procuring the switches described herein shall consist of this document and the latest revision of EIA Recommended Standard RS-446.

NON-ILLUMINATED OR
INCANDESCENT LAMP DISPLAY

RECOMMENDED PANEL CUT-OUT

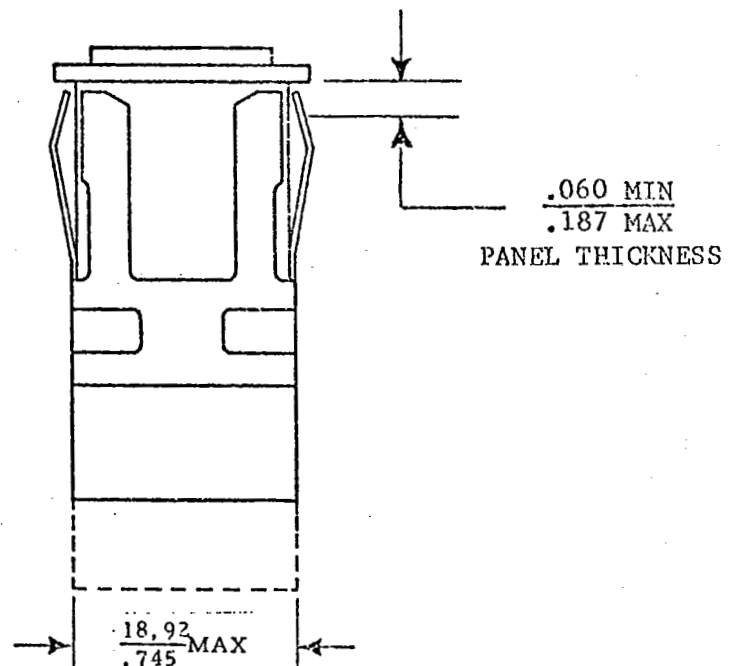


FIGURE 1

MOUNTING DIMENSIONS FOR TYPE 1 HOUSING



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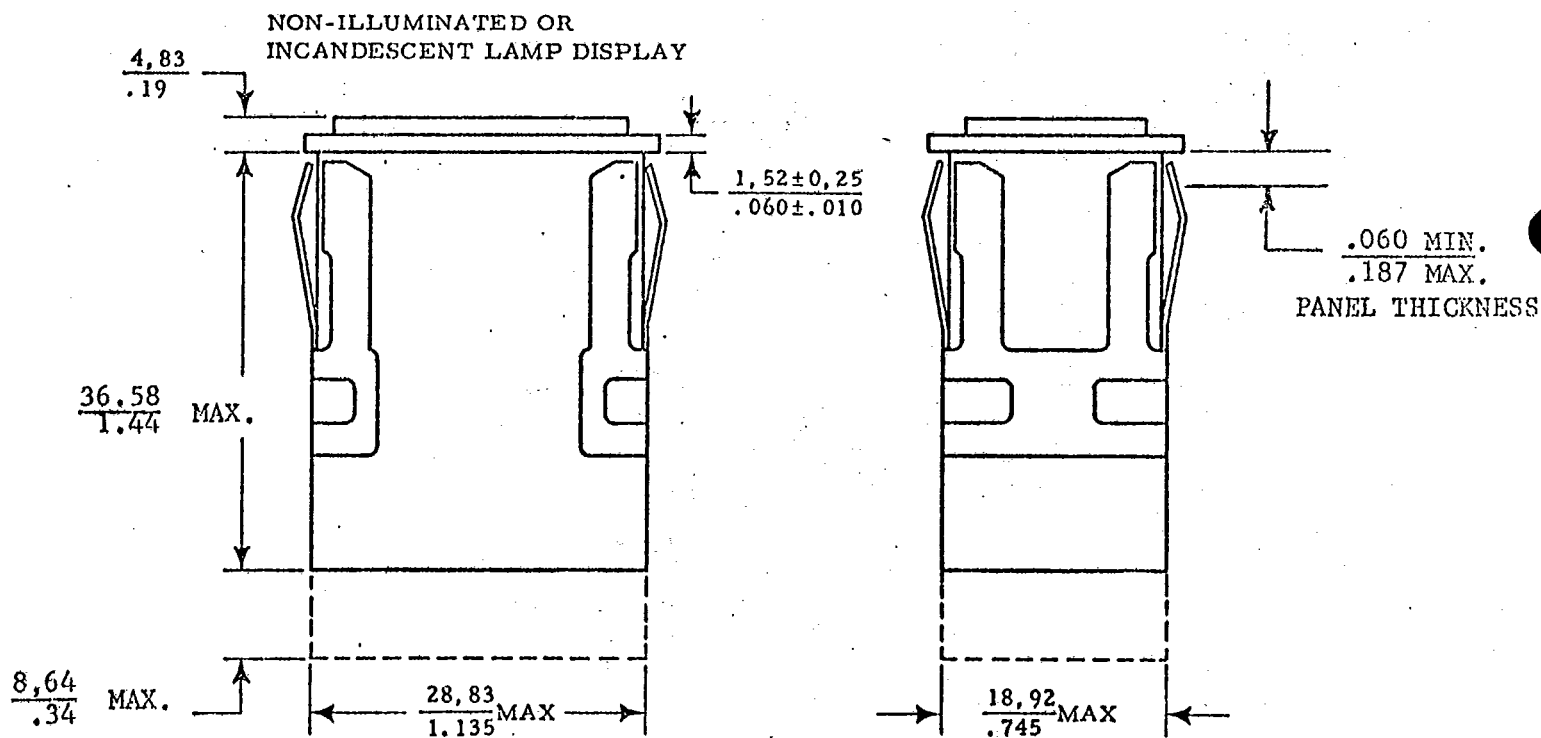
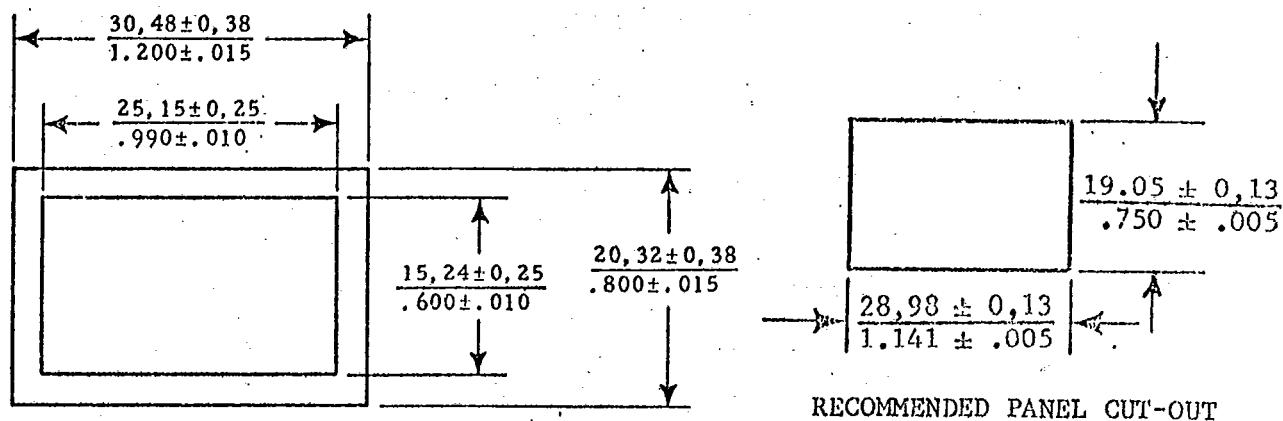


FIGURE II

MOUNTING DIMENSIONS FOR TYPE II HOUSING

NOTES: (Applicable to Figures I and II)

- (1) Dimensions are denoted as follows: $\frac{0.0}{0.00} = \frac{\text{mm}}{\text{inches}}$
- (2) Metric dimensions are based upon 1.0 inch = 25.4 millimeters
- (3) Rounding (inch to millimeter) of tolerances:

<u>Inch Tolerance Range</u>	<u>Derived Millimeter Tolerances Rounded to the Nearest:</u>
$\pm .00016$ to $\pm .0016$	0.001 (3 decimal places)
$\pm .0016$ to $\pm .016$	0.01 (2 decimal places)
$\pm .016$ to $\pm .16$	0.1 (1 decimal place)

- (4) Tolerances on all dimensions are $\pm .031$ inch ($\pm .79$ mm) unless otherwise specified.
- (5) Switch enclosure dimensions are shown in Figures I and II are common for the housing type detailed to all switches covered by this detail specification. The configuration is optional within the specified dimensions.