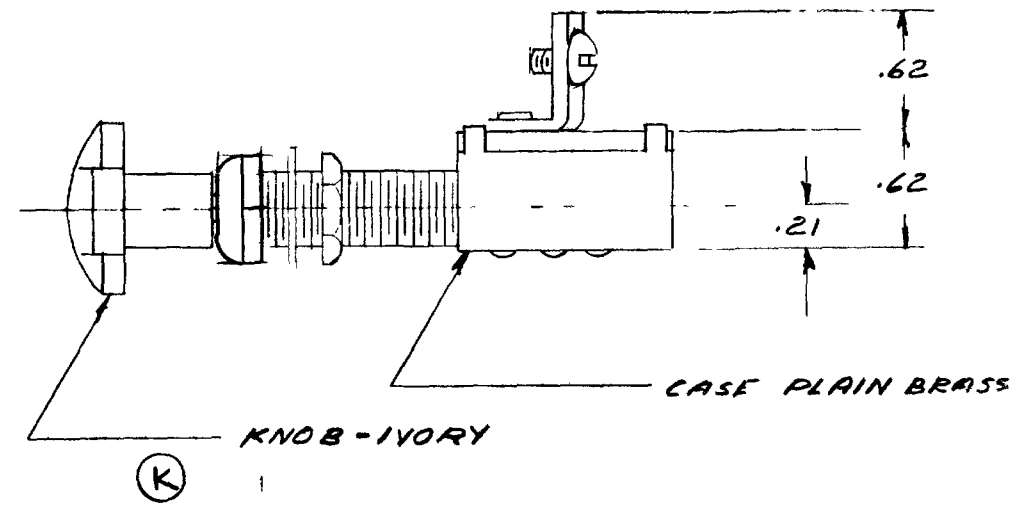
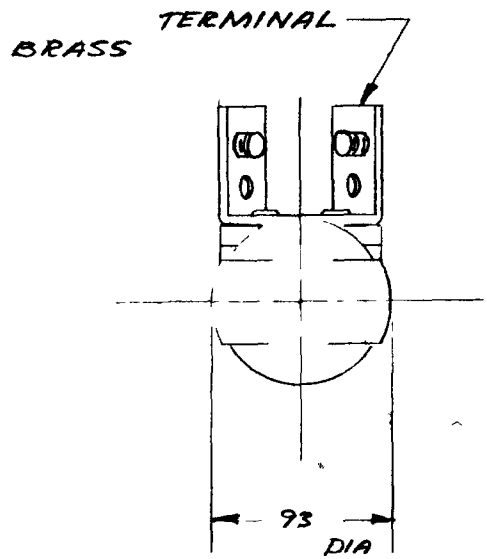
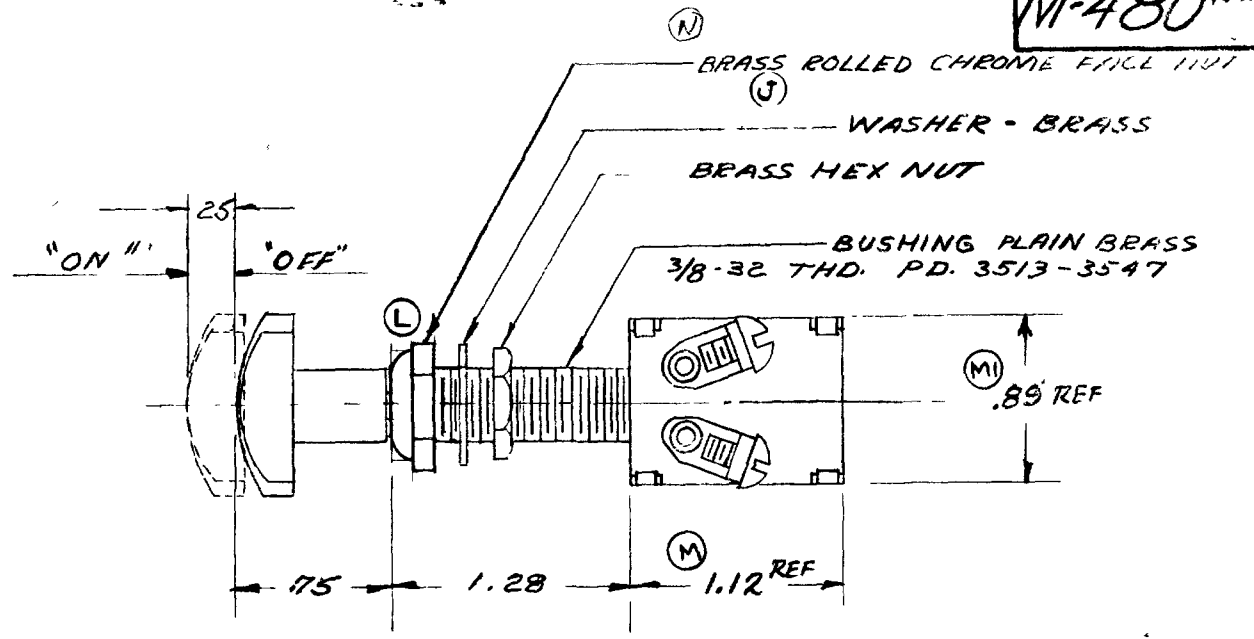


COLE-HERSEE CO.

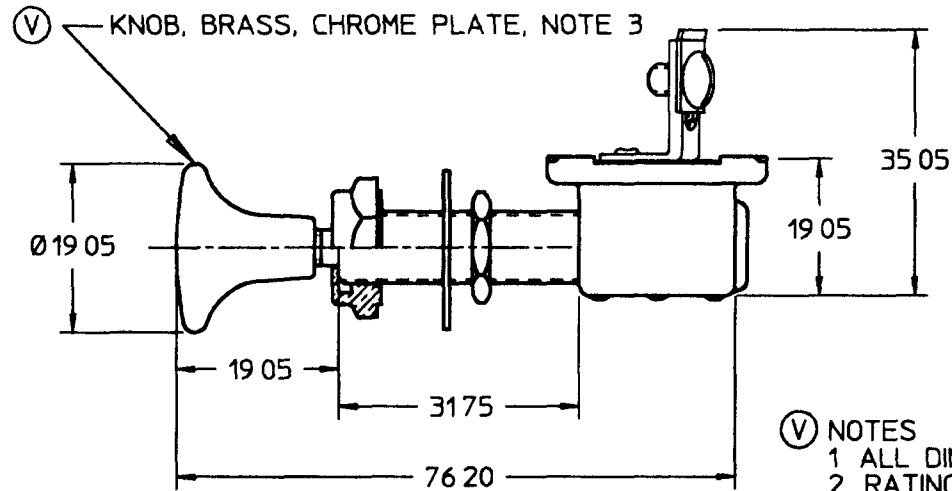
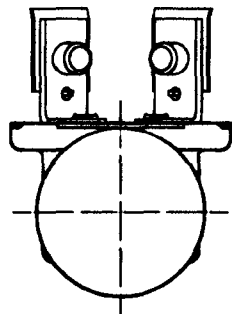
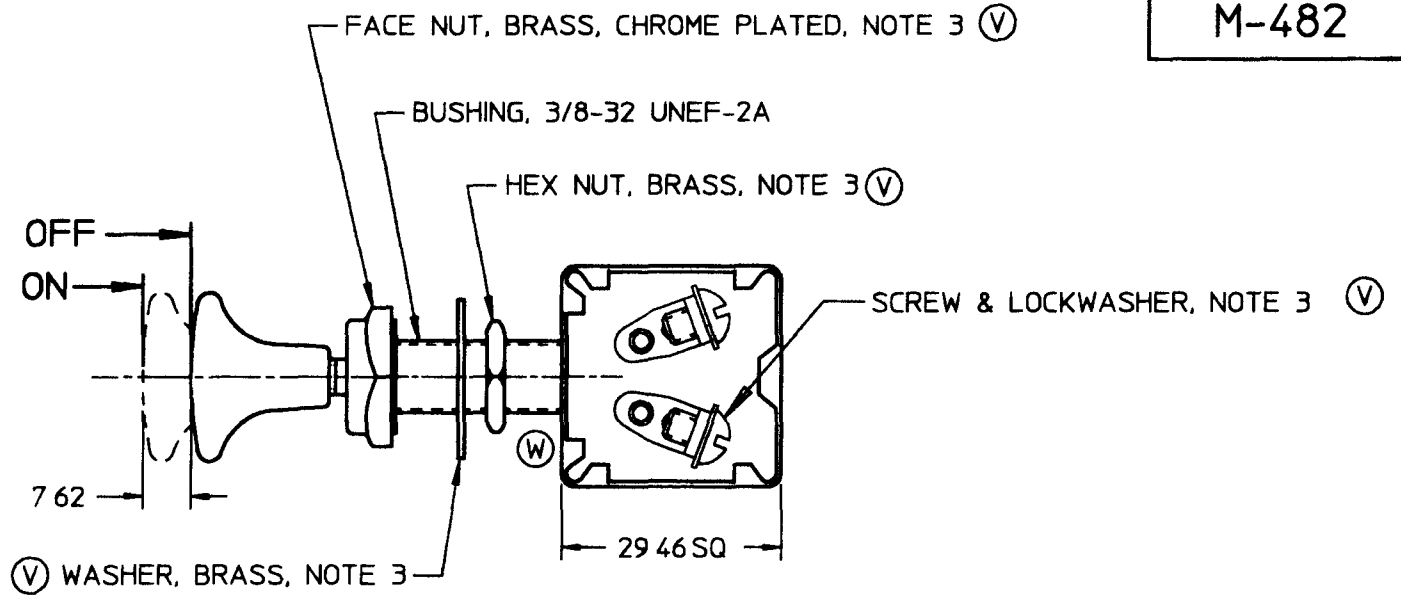
M-480 REV



| LET | WAS | DATE | BY | LET | WAS | DATE | BY | MATERIAL | DRAWN | CHECKED | APPR'D | SCALE | USED ON | DATE DRAWN |
|-----|------|--------|--------|-----|--------------|-------------------|----------|----------|------------------------------------------------|--------------------------------------------------------|--------|-------|----------------------|-------------|
| | | | | M | 1.25 | 17578 | 1-11-72 | RI | | E.P. | J.S. | AWB | 1=1 | 3-8-50 |
| | | | | M1 | .84 | | | | | | | | | |
| | | | | L | NEW FACE NUT | 17016 | 7-27-70 | JH | FINISH | | | | | DATE ISSUED |
| | | | | K | 8162 | 1A162 | 6-8-64 | EA | | | | | | |
| | | | | J | BR330 | 11102 | 11-15-60 | EA | | | | | | |
| N | R302 | 119564 | 5-16-7 | JH | H | REVISED REDUCTION | 4-21-60 | EA | TOLERANCES FRACTIONAL ± 15 DECIMAL ± 010 | NAME COLE-HERSEE COMPANY BOSTON 27, MASS. U.S.A. | | | PART NO M-480 REV | |

| MM | IN |
|-------|-------|
| 7 62 | 0 300 |
| 19 05 | 0 750 |
| 29 46 | 1 160 |
| 31 75 | 1 250 |
| 35 05 | 1 380 |
| 76 20 | 3 000 |

M-482



- (V) NOTES
 1 ALL DIMENSIONS ARE REFERENCE
 2 RATING 12 VDC, 10 AMPS
 (X) 3 KNOB AND HARDWARE SHIPPED LOOSE

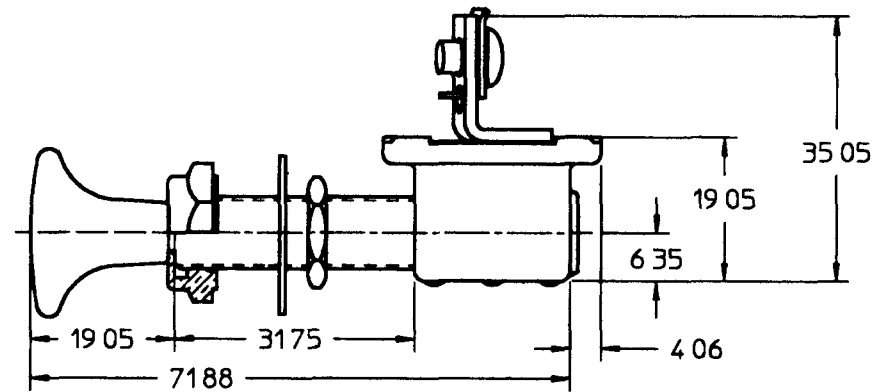
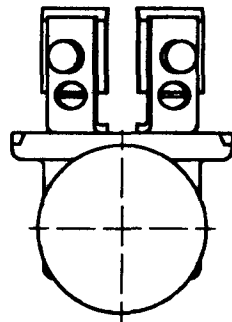
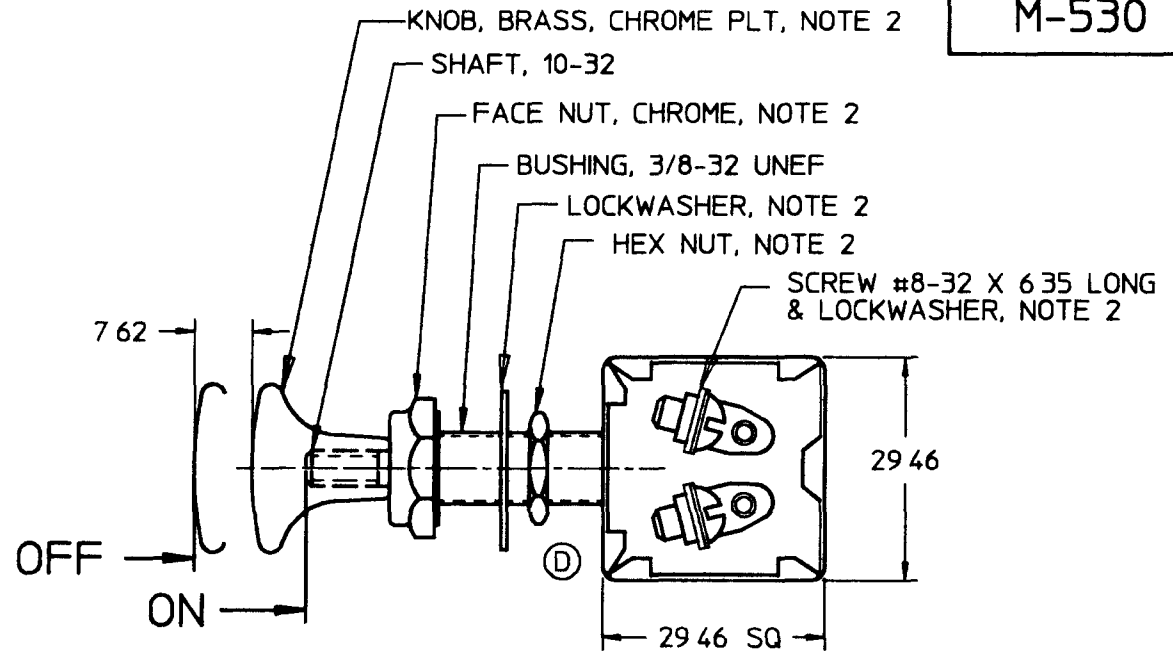
METRIC

DO NOT SCALE

| LET | WAS | DATE | BY | LET | WAS | DATE | BY | MATERIAL | DRAWN | CHK | APVD | SCALE | DATE DRAWN |
|-----|-----|------|----|-----|--------------------------------|----------|-----|----------------------|--------------------------------------------------------------------------|-----|------|-------|------------------|
| | | | | | | | | | EA | DB | | 11 | 12/6/48 |
| | | | | | | | | FINISH | Cole Hersee Co. 20 OLD COLONY AVENUE, BOSTON, MA, U.S.A. 02127 | | | | DATE BLUEPRINTED |
| | | | | X | ECN #99173 | 05/13/99 | JRF | | | | | | |
| | | | | W | ECN #27164 ADDED CUTOUT ON EAR | 12/17/97 | JMP | TOLERANCES | | | | | |
| | | | | V | PUT ON CAD ECN #26936 | 7/29/97 | AJS | DECIMAL ± ANGLE ± | SW, PUSH-PULL | | | | M-482 |

| MM | IN |
|-------|-------|
| 4 06 | 0 160 |
| 6 35 | 0 250 |
| 7 62 | 0 300 |
| 19 05 | 0 750 |
| 22 09 | 0 870 |
| 29 46 | 1 160 |
| 31 75 | 1 250 |
| 35 05 | 1 380 |
| 71 88 | 2 830 |

M-530



METRIC

NOTES
 1 ALL DIMENSIONS ARE REFERENCE
 2 KNOB AND HARDWARE SHIPPED LOOSE
 (E)

DO NOT SCALE

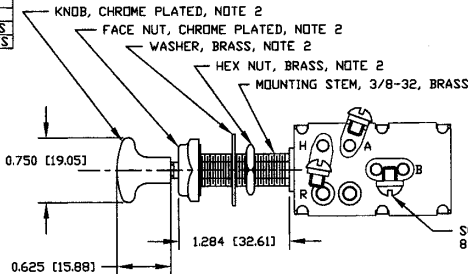
| LET | WAS | DATE | BY | LET | WAS | DATE | BY | MATERIAL | DRAWN | CHK | APVD | SCALE | DATE DRAWN |
|-----|-----|------|----|-----|----------------------------|----------|-----|----------------------|--------------------------------------------------------------------------|-----|------|-------|------------------|
| | | | | | | | | | S | DR | | 11 | 3/24/94 |
| | | | | E | ECN #99173 | 05/13/99 | JRF | FINISH | Cole Hersee Co. 20 OLD COLONY AVENUE, BOSTON, MA, U.S.A. 02127 | | | | DATE BLUEPRINTED |
| | | | | D | ECN #27164 ADDED CUTOUT | 12/31/97 | JMP | TOLERANCES | SW,P-P,2POS,2POL | | | | M-530 |
| | | | | C | PUT ON CAD ECN #26975 | 8/22/97 | AJS | DECIMAL ± ANGLE ± | | | | | |

LEGEND

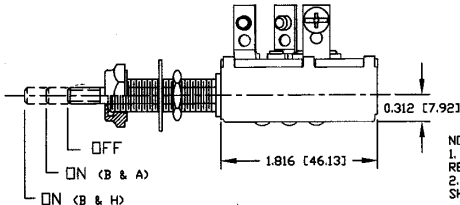
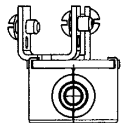
| | |
|---|----------------|
| B | BATTERY |
| A | ANCHOR LIGHTS |
| H | RUNNING LIGHTS |

Revision Control Record

| Rev. | Description of Change | ECN No. | Date |
|------|---------------------------|---------|----------|
| D | NEW TERM INSUL SA CASE SA | 00722 | 10/17/00 |
| E | NOTE 2 | 00796 | 10/24/00 |
| F | REMOVE LOCKWASHERS | 01227 | 4/17/01 |
| | | | |
| | | | |



SCREW, BRASS
8-32 (3 REQ'D), NOTE 2



NOTES:
1. ALL DIMENSIONS ARE REFERENCE ONLY
2. ALL HARDWARE AND KNOB SHIPPED LOOSE

Tolerances - Unless otherwise specifically noted, the following are default tolerances:

- 2-place Decimal Dimensions $\pm .02"$
- 3-place Decimal Dimensions $\pm .005"$
- Angular Dimensions ± 1.0 Deg.
- Metric: Refer to equivalent English Dimension Tolerance
- >>> NOTE: All tolerances are Non-Cumulative. <<<

Dimension Units - All dimensions are expressed in inches except those shown in brackets (XX) are expressed in millimeters

"REF." or an Asterisk (*) - Non-Toleranced Reference Dimension, shown for clarification purposes only.

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- ⊕ Critical Characteristics, relating to Safety and/or Regulatory Compliance
- ⊗ Significant Characteristic relating to Process Control (SPC)
- ⊙ Control Dimension relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer

(Note that the identification of any Characteristics as being "Special" does not alter the requirement that ALL specified dimensions & tolerances must be met.)

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Description: 3 POS LIGHT SWITCH

Drawing / Part No.:

M531

Current Rev.:

F

Used On or Ref.: Scale: **1:1**

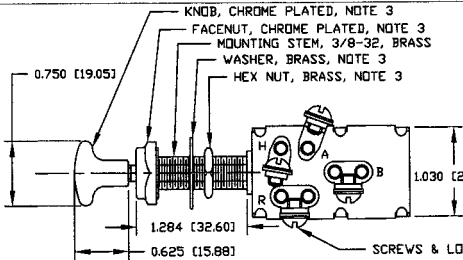
Drawn By: **JWH**

Date: **2/26/46**

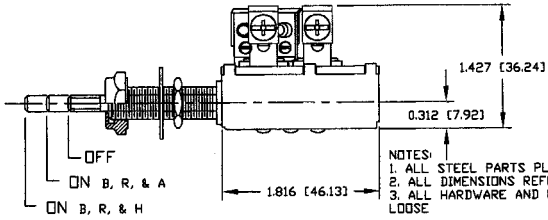
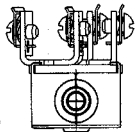
Responsible Engineer: **JRV**

Pg. 1 of 1

| LEGEND | |
|--------|----------------|
| A | ACCESSORY |
| B | BATTERY |
| R | ANCHOR L.T.S. |
| H | RUNNING L.T.S. |



| Revision Control Record | | | |
|-------------------------|------------------------|---------|----------|
| Rev. | Description of Change | ECN No. | Date |
| B | TERM INSUL SA, CASE SA | 00717 | 10/18/00 |
| C | NOTE 3 | 00798 | 10/24/00 |
| D | CHANGED TEXT | 01409 | 7/16/01 |
| | | | |
| | | | |



- NOTES:
 1. ALL STEEL PARTS PLATED
 2. ALL DIMENSIONS REFERENCE ONLY
 3. ALL HARDWARE AND KNOB SHIPPED LOOSE

Tolerances - Unless otherwise specifically noted, the following are default tolerances:
 • 2-place Decimal Dimensions $\pm .00"$
 • 3-place Decimal Dimensions $\pm .000"$
 • Angular Dimensions ± 1.0 Deg.
 • Holes: Refer to equivalent English Dimension Tolerance
 >>> NOTE: All tolerances are Non-Cumulative. <<<

Dimensional Units - All dimensions are expressed in inches except those shown in brackets (mm) are expressed in millimeters

"REF." or "As Shaded (A)" - Non-Toleranced Reference Dimension, shown for clarification purposes only.

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Key for Special Characteristics:

- ◆ Critical Characteristic, relating to Safety and/or Regulatory Compliance
- ⓧ Significant Characteristic relating to Process Control (SPC)
- Ⓢ Critical Dimension relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer

Note that the identification of any Characteristic as being "Special" does not alter the requirement that ALL specified dimensions & tolerances must be met.

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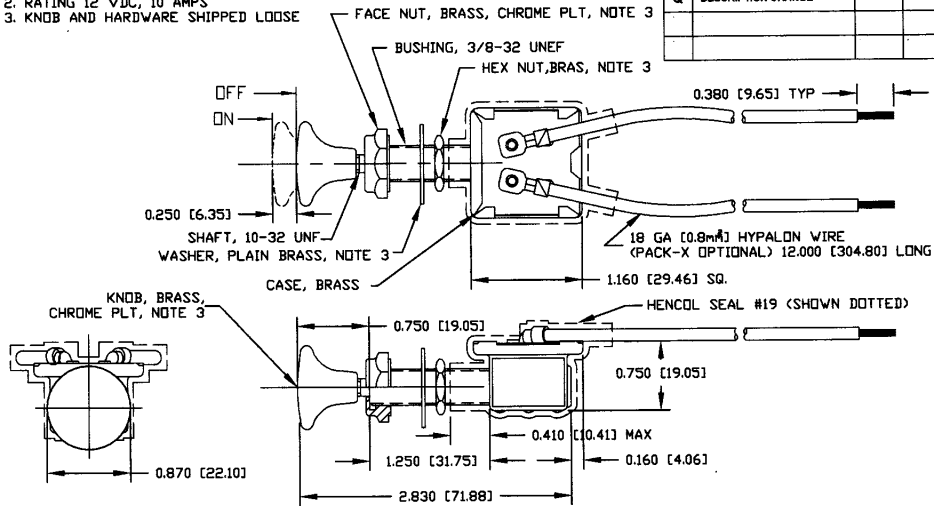
Description: PUSH PULL SWITCH

Drawing / Part No.: M532

Current Rev.: D

- NOTES:
 1. ALL DIMENSIONS ARE REFERENCE
 2. RATING 12 VDC, 10 AMPS
 3. KNOB AND HARDWARE SHIPPED LOOSE

| Revision Control Record | | | |
|-------------------------|-----------------------|---------|----------|
| Rev. | Description of Change | ECN No. | Date |
| Q | DESCRIPTION CHANGE | D4174 | 05/19/04 |
| | | | |
| | | | |



Tolerances. Unless otherwise specifically noted, the following are default tolerances:
 * 2-place Decimal Dimensions $\pm .02"$
 * 3-place Decimal Dimensions $\pm .008"$
 * Angular Dimensions ± 1.0 Deg.
 * Metric: Refer to equivalent English Dimension Tables.
 *** NOTE: All tolerances are Max-Construction. ***

Dimensional Limits. All dimensions are expressed in inches except those shown in brackets [mm] are expressed in millimeters.

REF. or an Asterisk (*). Non-Toleranced Reference Dimension, shown for clarification purposes only.

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Symbol Characteristics:

- Critical Characteristic, relating to Safety and/or Regulatory Compliance
- Significant Characteristic relating to Process Control (SPC)
- Key Characteristic relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer

(Note that the identification of any Characteristics as being "Special" does not alter the requirement that ALL specified dimensions & tolerances must be met.)

Used On or Ref.:
 Scale: 1:1
 Drawn By: M
 Date Drawn: 08/06/80
 Responsible Engineer:

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 Phone: 617-268-2100 Website: www.colehersee.com

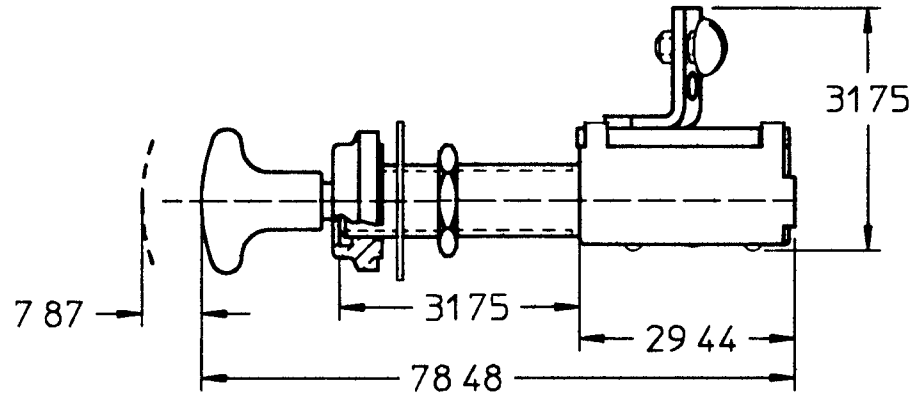
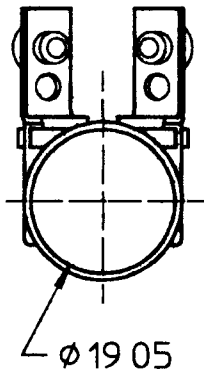
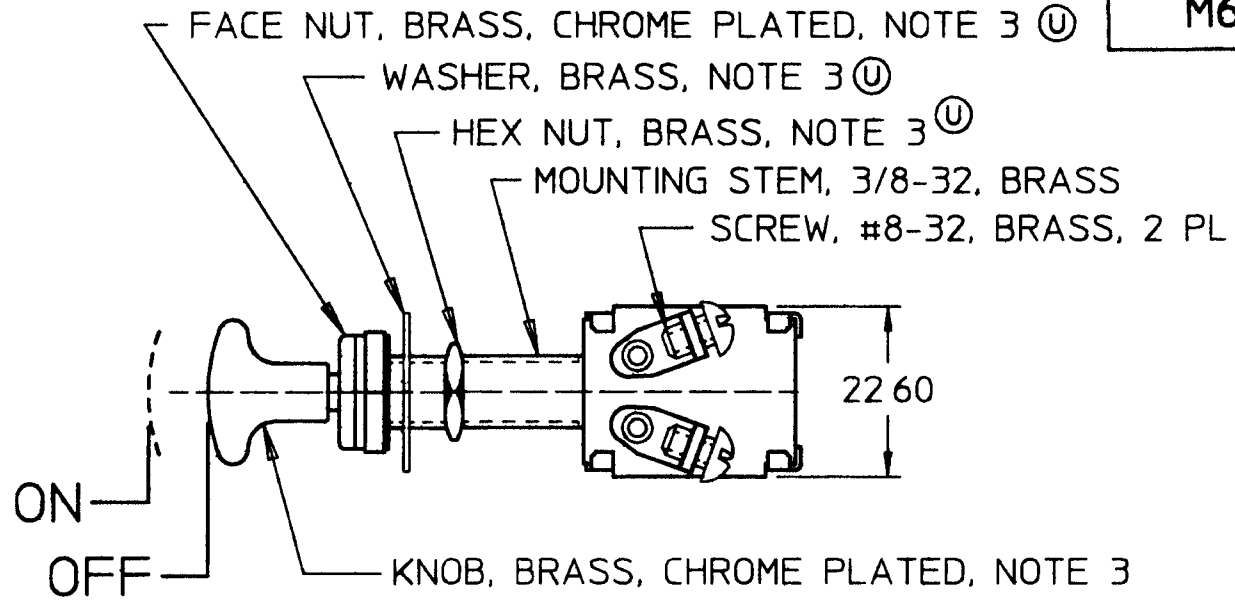
SWITCH, P-P

Drawing/Part No.: **M-606**
 Current Rev.: **Q**

Page: **Pg. 1 of 1**

M628

| MM | IN |
|---------|-----|
| 7 87 0 | 310 |
| 19 05 0 | 750 |
| 22 60 0 | 890 |
| 29 44 1 | 160 |
| 31 75 1 | 250 |
| 78 84 3 | 090 |

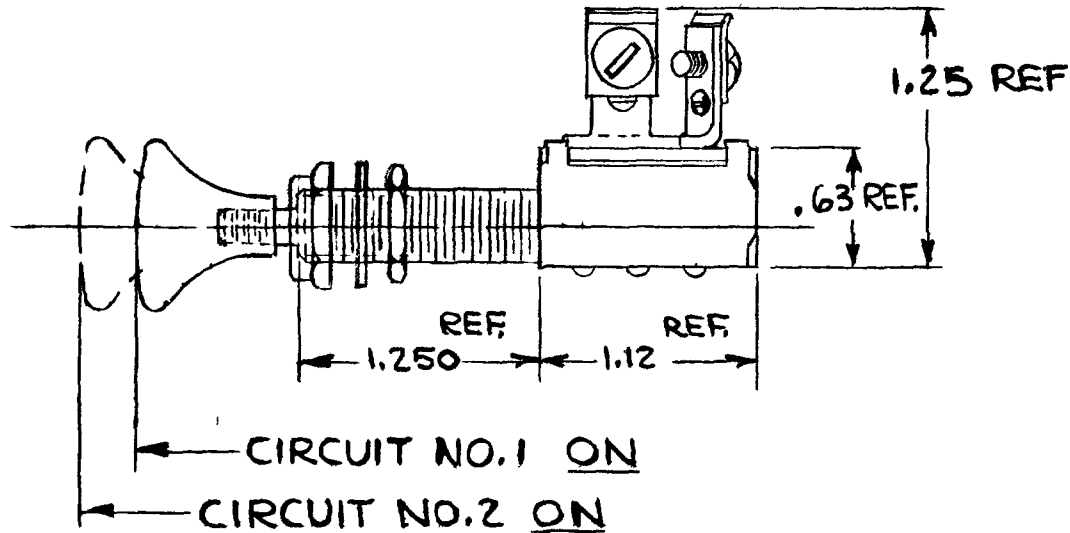
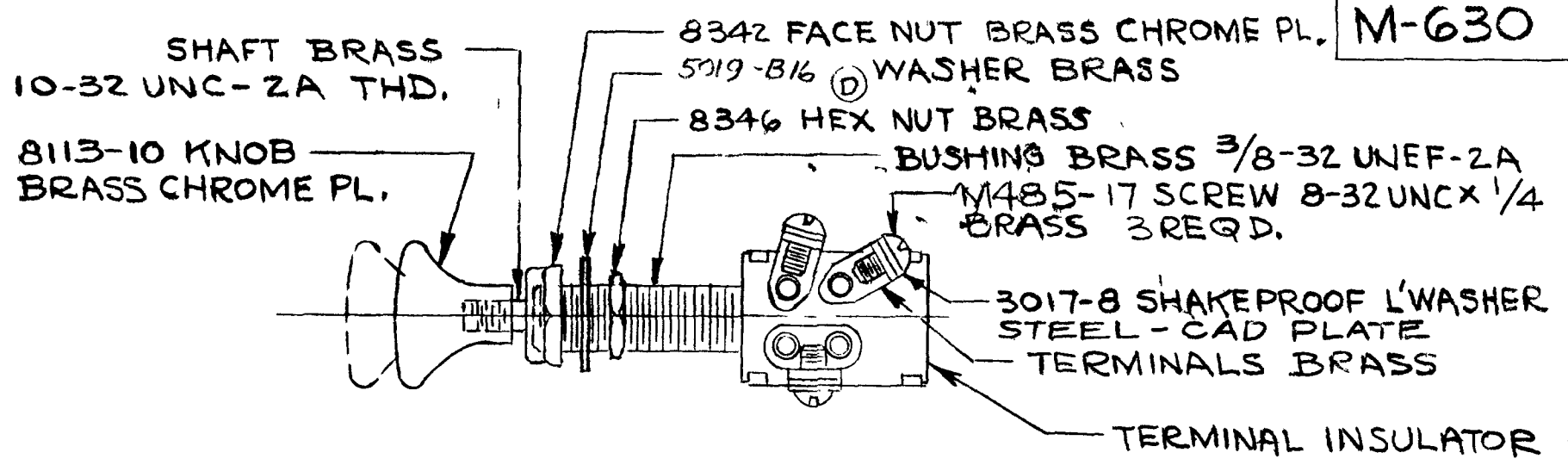


- Ⓢ NOTES
- 1 ALL DIMENSIONS ARE REFERENCE ONLY
 - 2 RATING 10 AMPS @ 12V DC
 - 3 PARTS MAY BE ASSEMBLED OR SUPPLIED IN A PLASTIC BAG **DO NOT SCALE**

METRIC

| LET | WAS | DATE | BY | LET | WAS | DATE | BY | MATERIAL | DRAWN | CHK | APVD | SCALE | DATE DRAWN |
|-----|-----|------|----|-----|------------|---------|-----|----------------------|--------------------------------------------------------------------------|-----|------|-------|------------------|
| | | | | | | | | | PLB | JMP | | 11 | 10/30/57 |
| | | | | | | | | FINISH | Cole Hersee Co. 20 OLD COLONY AVENUE, BOSTON, MA, U.S.A. 02127 | | | | DATE BLUEPRINTED |
| | | | | U | ECN #26936 | 7/29/97 | AJS | TOLERANCES | SWITCH, PUSH-PULL | | | | M628 |
| | | | | T | PUT ON CAD | 7/23/96 | DPS | DECIMAL ± ANGLE ± | | | | | |

COLE-HERSEE CO.



DO NOT SCALE

| LET | WAS | DATE | BY | LET | WAS | DATE | BY | MATERIAL | DRAWN | CHECKED | APPR V D | SCALE | USED ON | DATE DRAWN |
|-----|-----|------|----|-----|----------------------|---------|-----|------------------------------------------------------------------------------|--------------------------|---------|----------|-------|------------------|------------|
| | | | | | | | | H | JP | LPG | | FULL | | 1-13-58 |
| | | | | | | | | H | COLE-HERSEE COMPANY | | | | DATE BLUEPRINT | |
| | | | | | | | | | BOSTON MASS 02127 USA | | | | | |
| | | | | D | 88530/18923 | 1-2-76 | WJH | TOLERANCE UNLESS SPECIFIED 2 DECIMAL 010 3 DECIMAL 005 ANGULAR 2 | NAME PUSH-PULL SWITCH | | | | PART NO M-630 | |
| | | | | C | REDRAWN NO CHANGE | 1-28-70 | BL | | | | | | | |

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Наши преимущества:

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- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

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