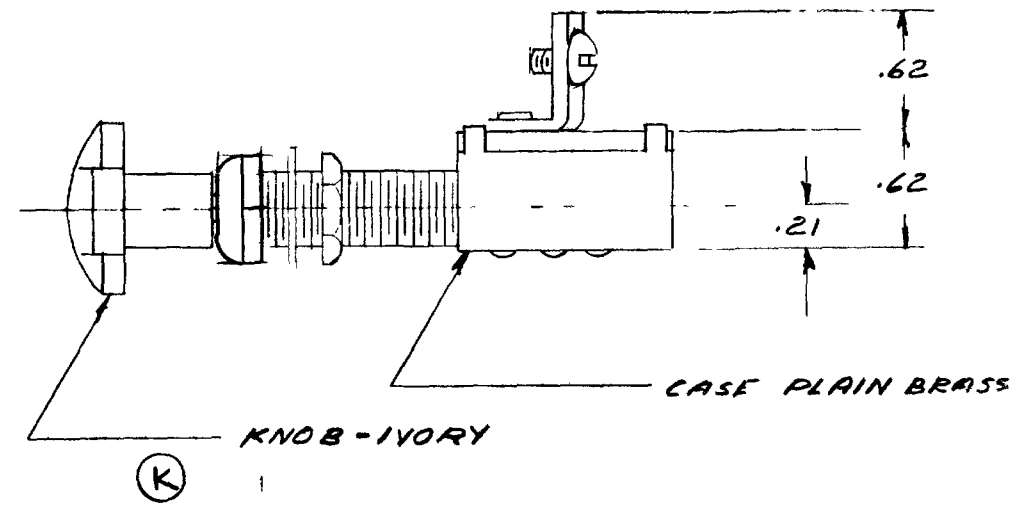
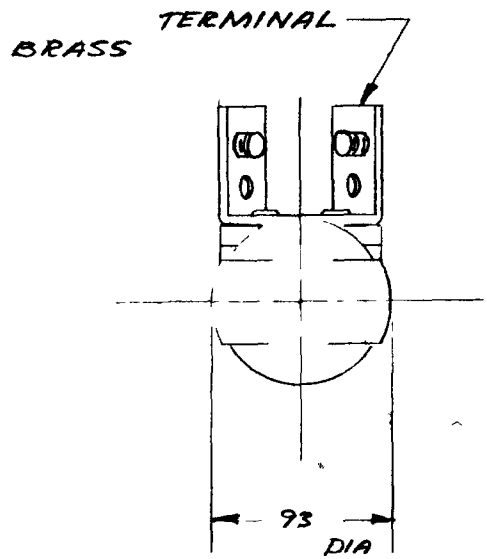
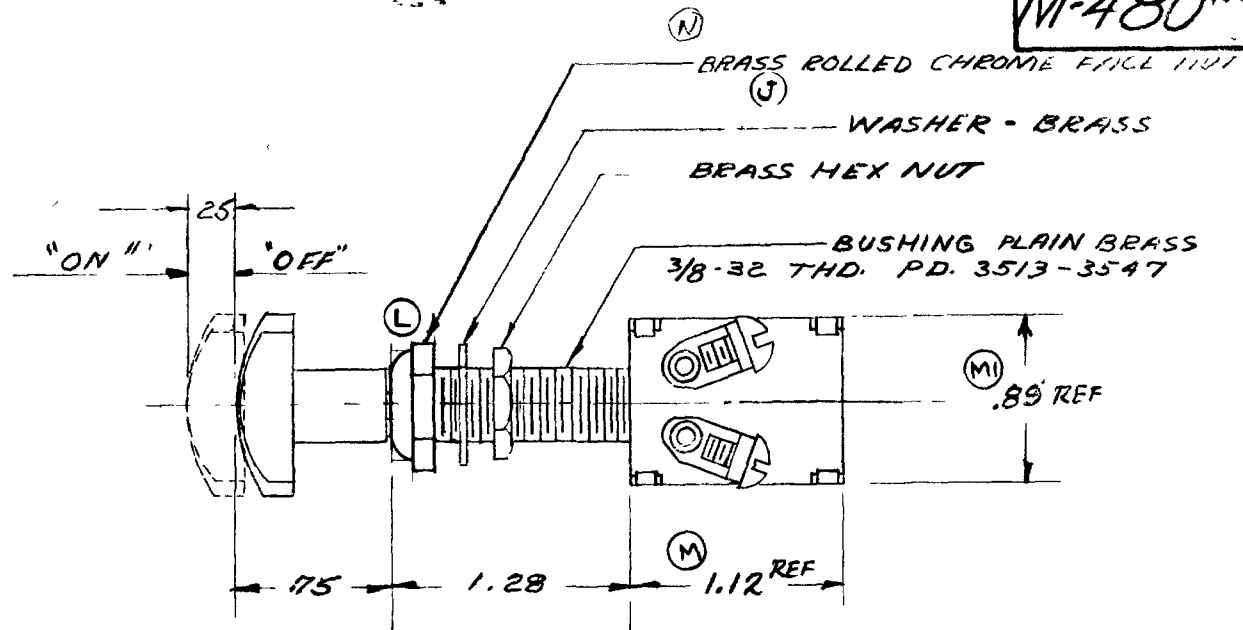


COLE-HERSEE CO.

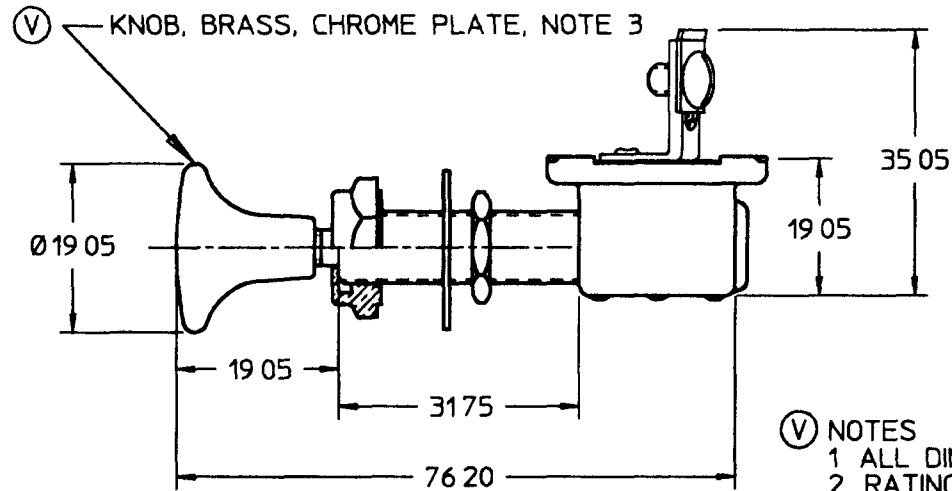
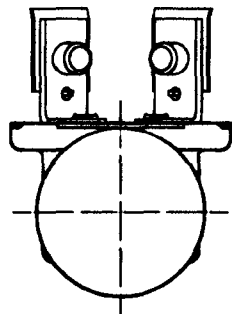
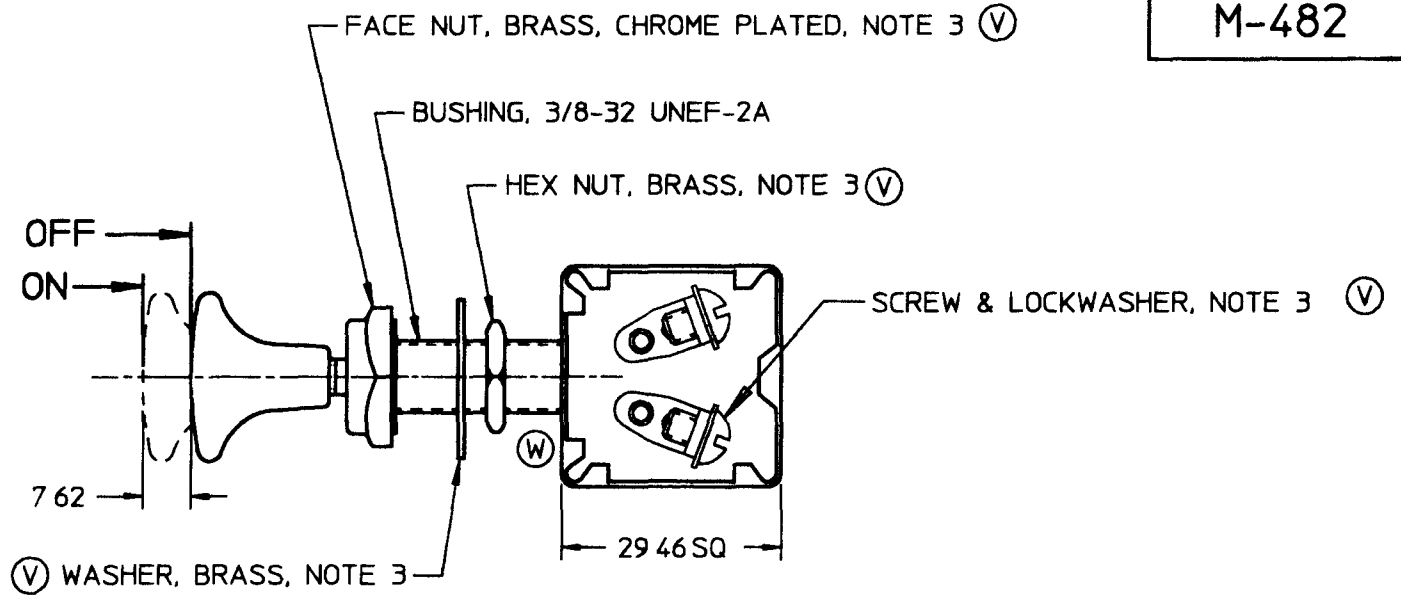
M-480 REV



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	BRASS	11102	11-15-60	EA						
N	R302	119564	5-16-7	JH	H	REVISED REDUCTION	4-21-60	EA	TOLERANCES FRACTIONAL ± .15 DECIMAL ± .010					PART NO
										NAME <b>PUSH PULL SWITCH</b>				M-480 REV
										COLE-HERSEE COMPANY BOSTON 27, MASS. U.S.A.				

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

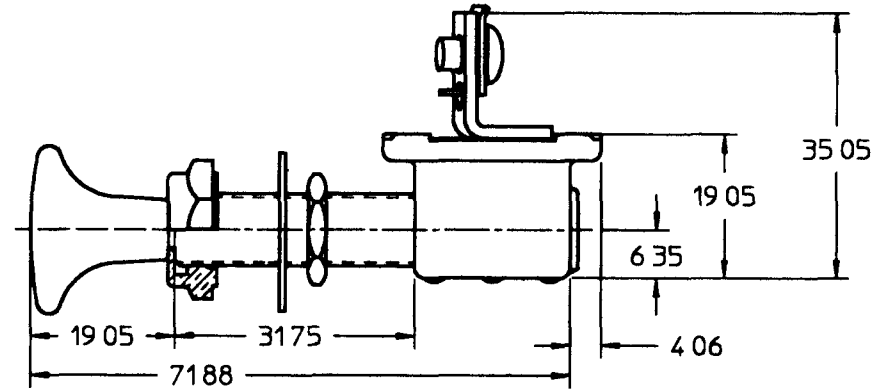
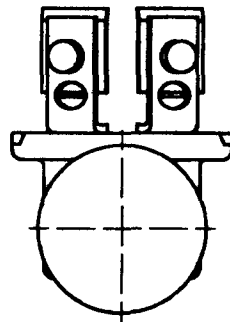
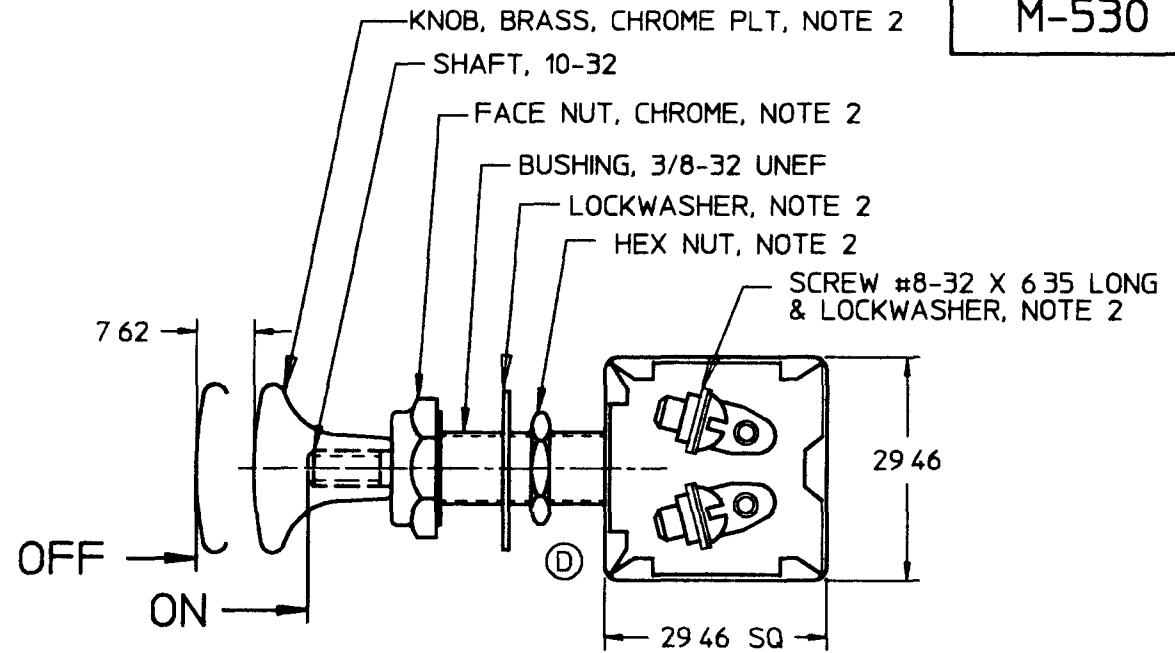
METRIC

DO NOT SCALE

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

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

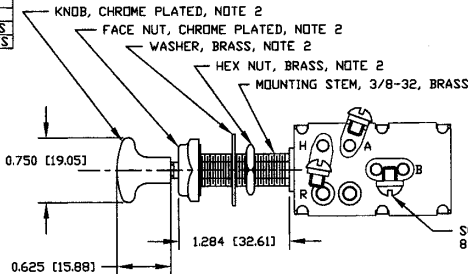
LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHK	APVD	SCALE	DATE DRAWN
									S	DR		11	3/24/94
				E	ECN #99173	05/13/99	JRF	FINISH	<b>Cole Hersee Co.</b> 20 OLD COLONY AVENUE, BOSTON, MA, U.S.A. 02127				DATE BLUEPRINTED
				D	ECN #27164 ADDED CUTOUT	12/31/97	JMP	TOLERANCES	SW,P-P,2POS,2POL				M-530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

**LEGEND**

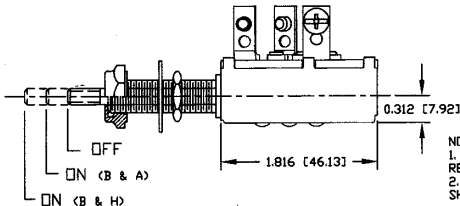
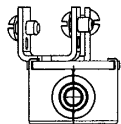
B	BATTERY
A	ANCHOR LIGHTS
H	RUNNING LIGHTS

**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  $\pm 1.0$  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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DO NOT SCALE - Dimensional variation may occur during printing/ reproduction.

**Key for Special Characteristics:**

- ⊕ 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.)

**Cole Hersee Co.**

20 Old Colony Ave., South Boston, MA, 02127  
Ph: 617-286-2100 Web: www.colehersee.com



**Description:** 3 POS LIGHT SWITCH

**Drawing / Part No.:**

**M531**

**Current Rev.:**

**F**

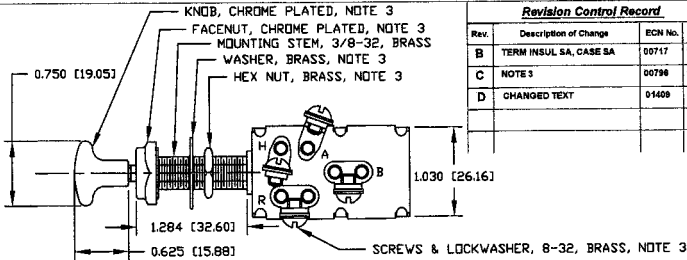
Used On or Ref.: Scale: **1:1**

Drawn By: **JWH**

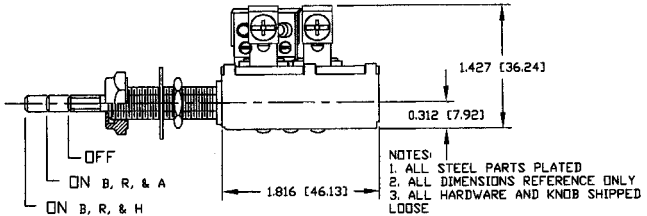
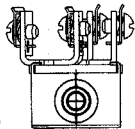
Date: **2/26/46**

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



**Tolerances** - Unless otherwise specifically noted, the following are default tolerances:  
 • 2-place Decimal Dimensions  $\pm .005$   
 • 3-place Decimal Dimensions  $\pm .002$   
 • Angular Dimensions  $\pm 1.0$  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

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**DESIGN CONTROL** - It is the responsibility of the individual using/referencing this drawing to ensure that the noted design/revision level agrees with the revision level of the Controlled Document (Master Drawing). This is a NON-CONTROLLED DOCUMENT unless otherwise specifically noted.

**DO NOT SCALE** - Dimensional variation may occur during printing/reproduction.

**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.

**Cole Hersee Co.**



20 Old Colony Ave., South Boston, MA, 02127  
 Pfm 617-288-2100 Web: www.colehersee.com

**Description:** PUSH PULL SWITCH

Used On or Ref.:

Scale: **1:1**

Drawn By: **EA**

Date Drawn: **12/8/64**

Responsible Engineer: **JRV**

Pg. 1 of 1

Drawing/Part No.:

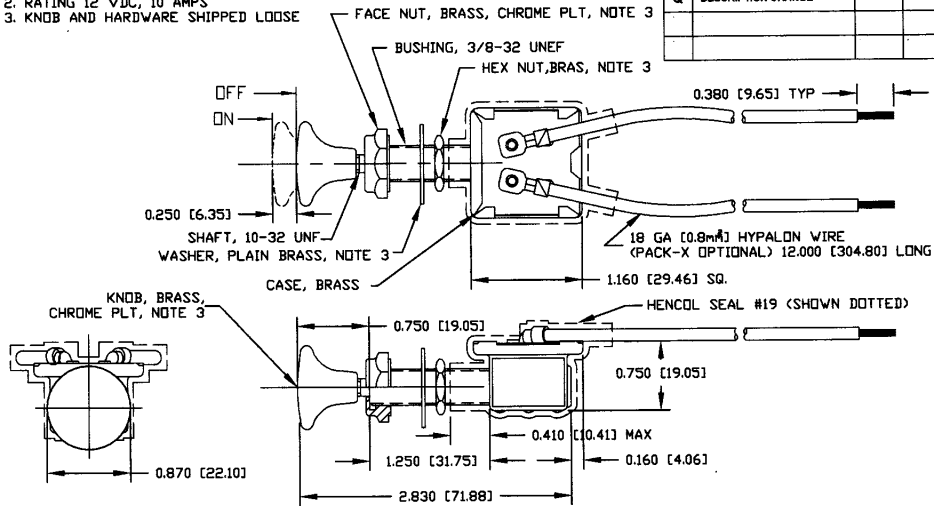
**M532**

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  $\pm 1.0$  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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**DESIGN CONTROL.** It is the responsibility of the individual user/referencing user drawing to assure that the noted design revision level agrees with the revision level of the Controlled Document (Master Drawing). This is a NON-CONTROLLED DOCUMENT unless otherwise specifically noted.

**DO NOT SCALE** - Dimensional variation may occur during printing/reproduction.

**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.)

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

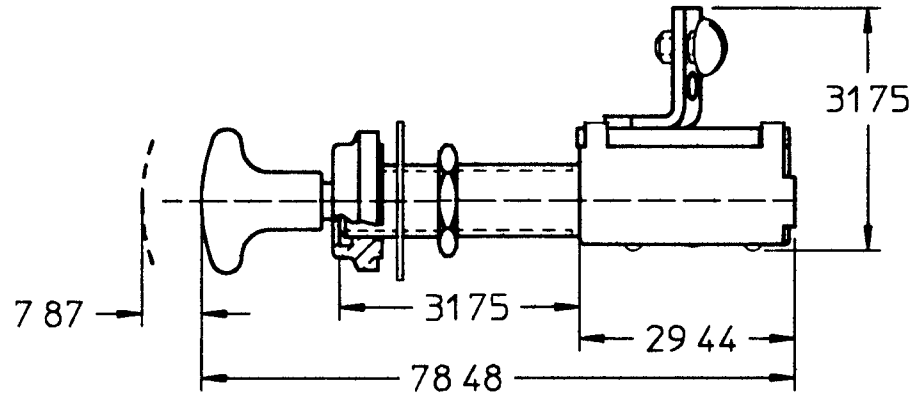
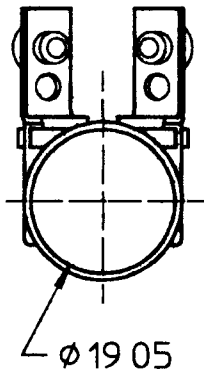
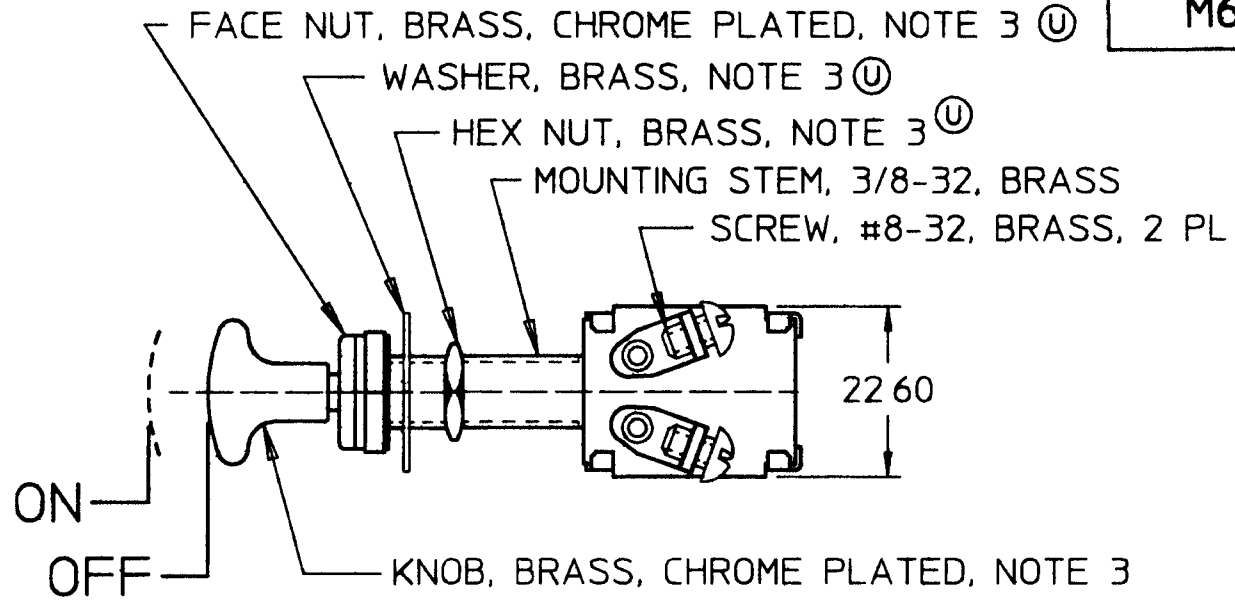
**Description:** SWITCH, P-P ©

**Drawing/Part No.:** M-606

**Current Rev.:** Q

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

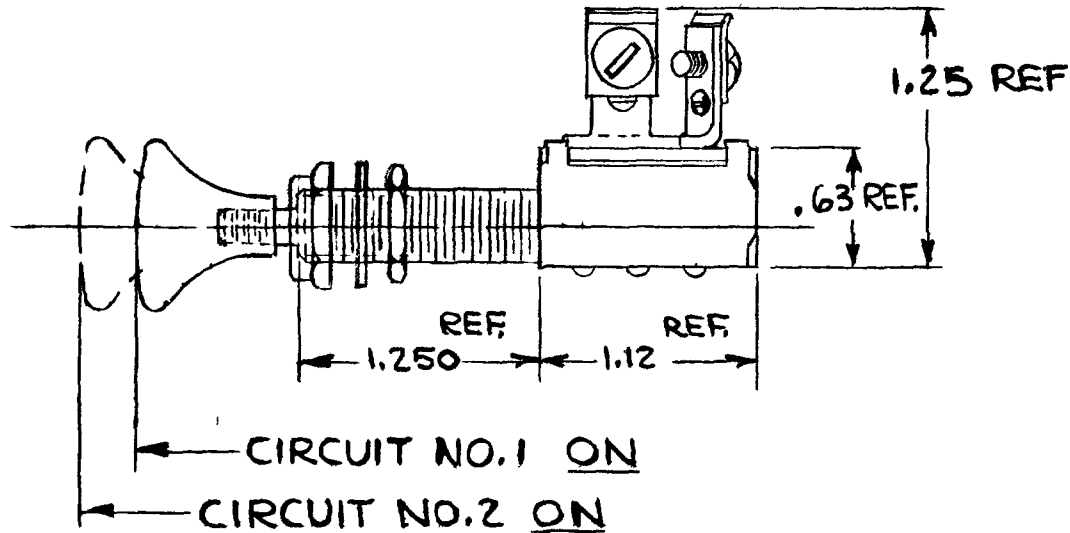
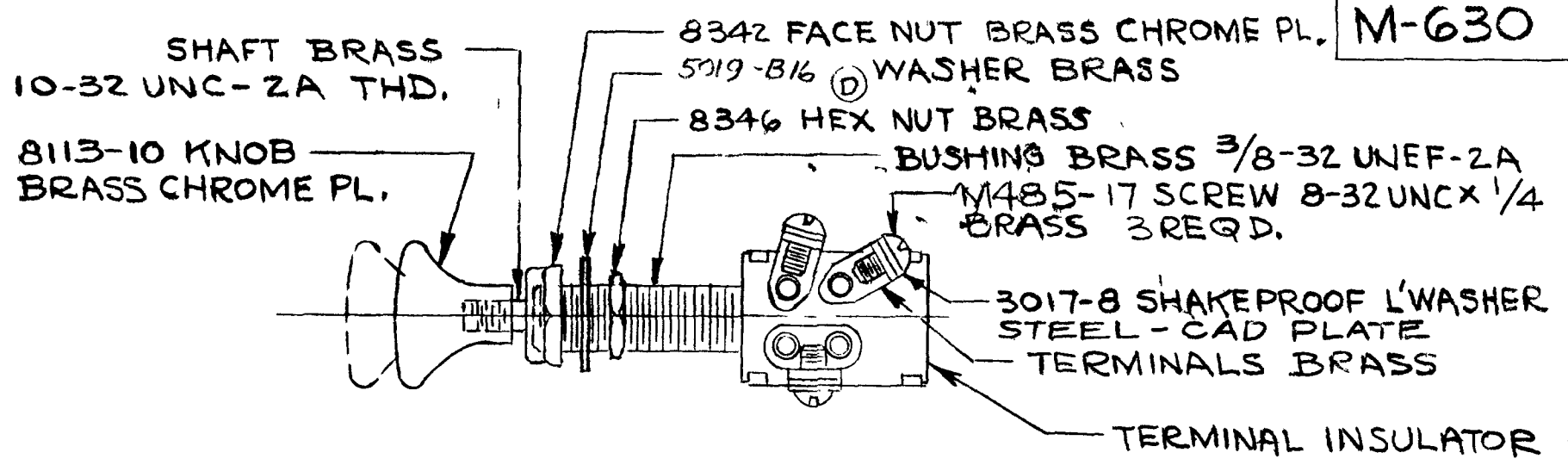


- Ⓢ NOTES
- 1 ALL DIMENSIONS ARE REFERENCE ONLY
  - 2 RATING 10 AMPS @ 12V DC
  - 3 PARTS MAY BE ASSEMBLED OR SUPPLIED IN A PLASTIC BAG **DO NOT SCALE**

METRIC

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHK	APVD	SCALE	DATE DRAWN
									PLB	JMP		11	10/30/57
								FINISH	<b>Cole Hersee Co.</b> 20 OLD COLONY AVENUE, BOSTON, MA, U.S.A. 02127				DATE BLUEPRINTED
				U	ECN #26936	7/29/97	AJS	TOLERANCES	<b>SWITCH, PUSH-PULL</b>				<b>M628</b>
				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							



Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- 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.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## 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](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

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