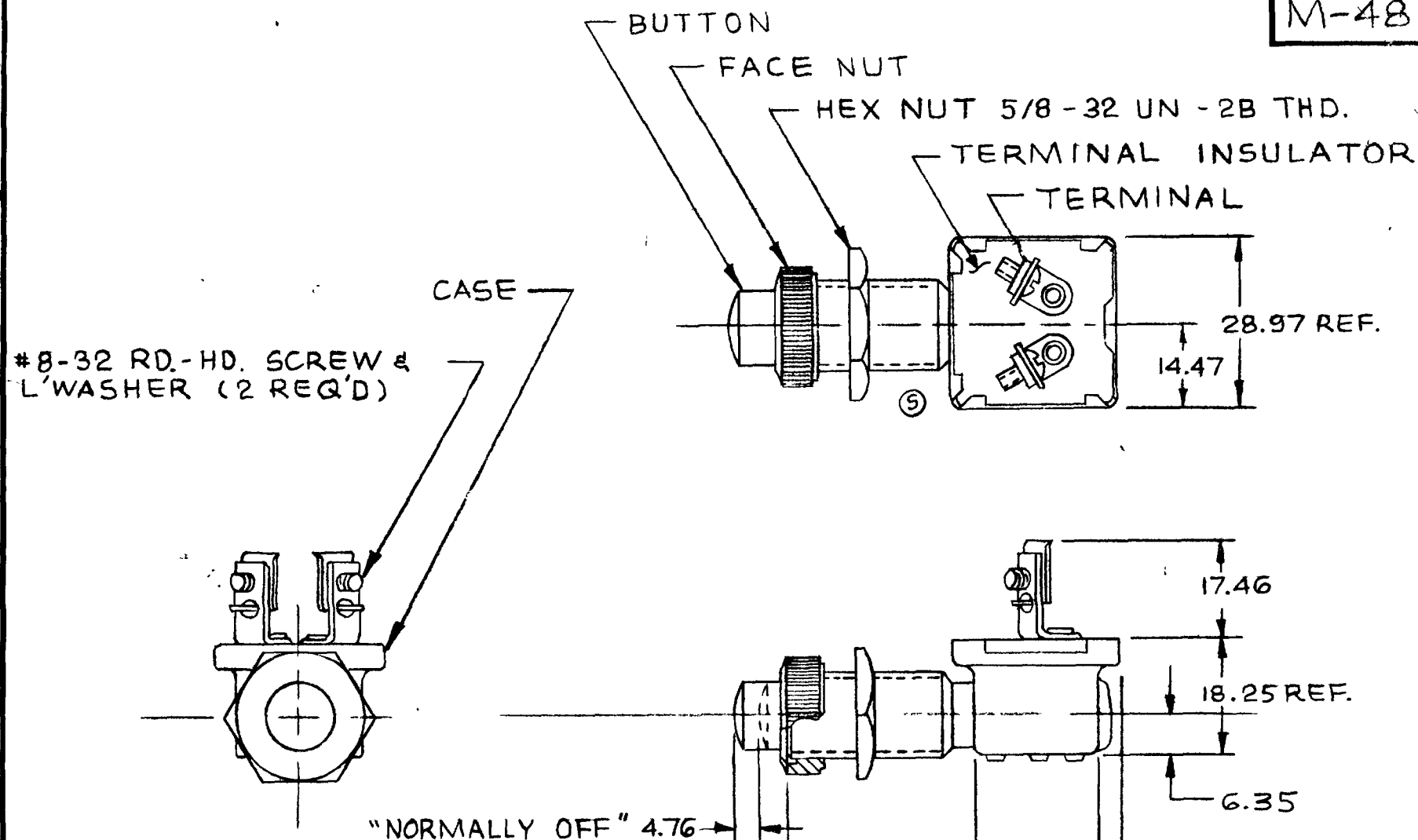


MM	IN
3.96	.156
4.76	.187
9.52	.375
14.47	.570
17.46	.687
18.25	.718
20.82	.820
21.08	.830
28.97	1.140
31.75	1.250
6.35	.250

M-485



NOTES:

1. ALL METAL PARTS TO BE BRASS 9.
UNLESS OTHERWISE SPECIFIED
2. INSERTION PRESSURE 3 1/2 # TO 5#

METRIC

⑦ 3. ALL HARDWARE SHIPPED LOOSE

10 AMP5 @ 12VDC

DO NOT SCALE

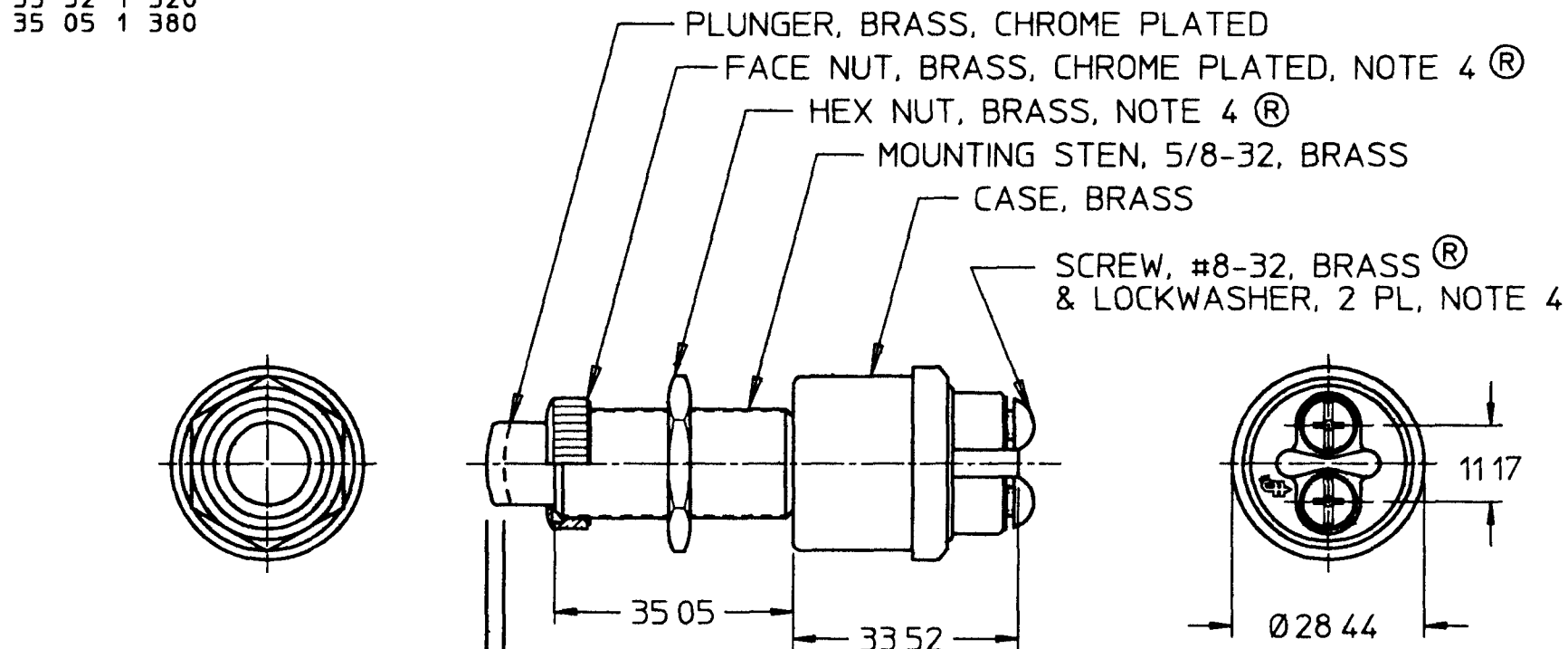
LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR' L	SCALE	DATE DRAWN
								NOTED	JE		...	1:1	3-3-50
								FINISH	 Cole Hersee Co. 20ULL C. KONY AVENUE SOUTH BOSTON MA U.S.A. 02127				DATE BLUEPRINT
								NOTED					
				T	ECN # 99193	5/13/99	JPF	TOLERANCES DECIMAL $\pm .015$ METRIC $\pm .010$	SWITCH, MOMENTARY N.O.				M-485
				S	ECN # 27164 ADDED CUTOUT	12-31-97	Jmp						
				R	REDRAWN	8/6/90	BL						

CH-188(4-78)

Confidential Property of Cole Hersee

MM	IN
11 17	0 440
28 44	1 120
33 52	1 320
35 05	1 380

M490



NORMALLY OPEN

CLOSED

SELF RETURN
TO NORMALLY
OPEN POSITION

(R) NOTES

- 1 ALL DIMENSIONS ARE REFERENCE ONLY
- 2 SILVERED CONTACT SURFACES
- 3 RATING
12V DC 35 AMPS
24V DC 20 AMPS
- 4 PARTS MAYBE ASSEMBLED OR
SUPPLIED IN A BAG

METRIC

DO NOT SCALE

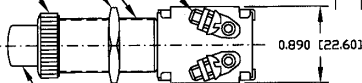
LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHK	APVD	SCALE	DATE DRAWN
									RD	JMP		11	12/14/53
								FINISH	 Cole Hersee Co. 20 OLD COLONY AVENUE, BOSTON, MA., U.S.A. 02127				DATE BLUEPRINTED
				R	ECN #26936	7/24/97	AJS	TOLERANCES DECIMAL ± ANGLE ±	SW, P-P, MOM				M490
				P	PUT ON CAD	7/26/96	DPS						

FACE NUT, BRASS, CHROME PLATED, NOTE 3

HEX NUT, BRASS, NOTE 3

MOUNTING STEM, 5/8-32, BRASS

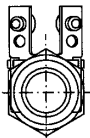
SCREW, #8-32, BRASS,
2 PL, NOTE 3



ON
WHEN DEPRESSED
0.080[2.03]/0.160[4.07] &
THRU REMAINDER OF
TRAVEL

PLUNGER, BRASS, CHROME PLATED

OFF



0.380 [9.65]

1.375 [34.93]

1.120 [28.45]

1.280 [32.51]

NOTES:

1. ALL DIMENSIONS ARE REFERENCE ONLY
2. RATING: 10 AMPS @ 12V DC
3. ALL HARDWARE SHIPPED LOOSE

Revision Control Record

Rev.	Description of Change	ECN No.	Date
L	NOTE 3	00796	10/24/00

TOLERANCES - Unless otherwise specifically noted, the following are default tolerances;

- 3-place Decimal Dimensions $\pm 0.02^\circ$
- 3-place Decimal Dimensions $\pm 0.005^\circ$
- Angular Dimensions $\pm 0.005^\circ$
- Metric: Refer to equivalent English Dimensional 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. to an External ID. = Non-Tolerance of Reference Dimension, shown for clarification purposes only.

PROPRIETARY INFORMATION - This Engineering Drawing, and the information contained herein, is proprietary to Cole Hersee Company and may not be disclosed, re-produced, or in any other way transferred or communicated to any other party without the express written consent of an authorized representative of Cole Hersee Company.

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 (RPC)



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
Phn: 617-368-2100 Web: www.colehersee.com

Description: SWITCH, PUSH-PULL

Drawing /
Part No.

M492

Current Rev.

L

Used On
or Ref:

Scale: **1:1**

Drawn By: **S**

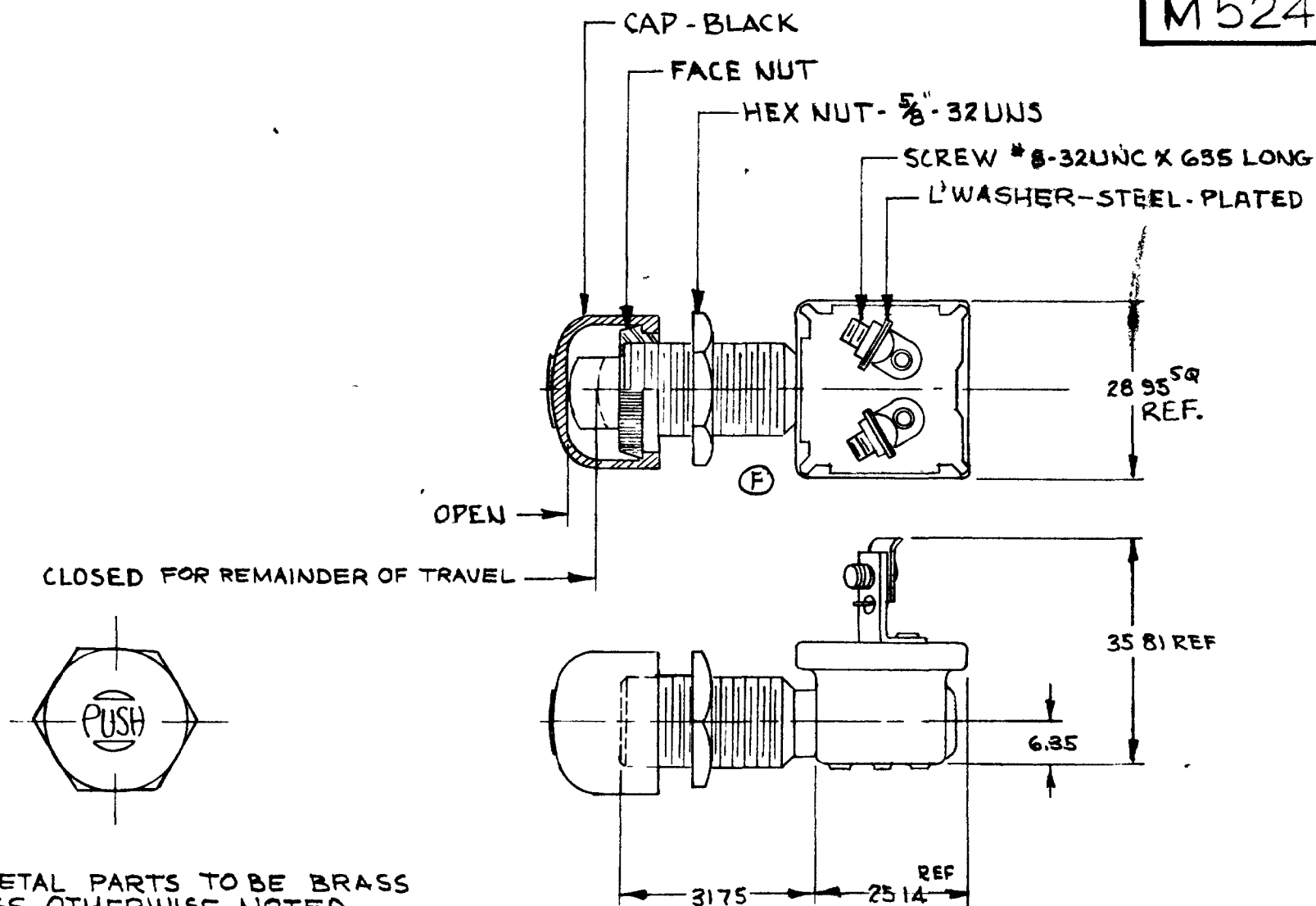
Date: **9/30/54**

Responsible Engineer: **N/A**

Pg. 1 of 1

MM IN
 0.25 010
 6.35 250
 25.4 990
 28.95 1140
 31.75 1250
 35.81 1410

M524



NOTES :

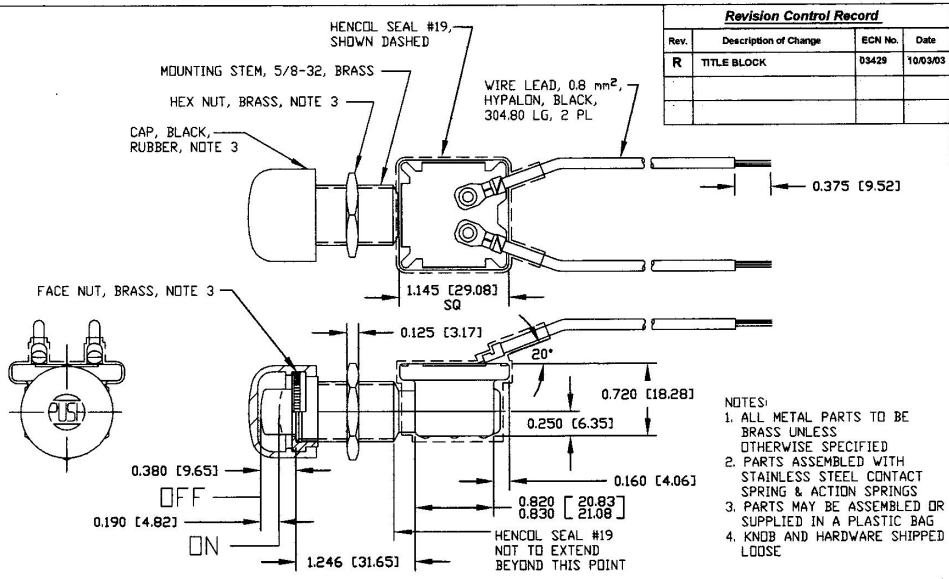
1. ALL METAL PARTS TO BE BRASS UNLESS OTHERWISE NOTED.
2. CAP AND HARDWARE SHIPPED LOOSE

METRIC

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	DATE DRAWN
									EA	RJA		1:1	2-6-64
								FINISH					DATE BLUEPRINT
				G	ECN #19173	5/13/91	PRF						
				F	ECN 27164 ADDED CUTOUT	12-31-97	Jap						
				E	REDRAWN	3-24-87	ZU	TOLERANCES DECIMAL ± METRIC ±0.25					
MOM. SWITCH NO													M524

CH 188(4 78)



Revision Control Record			
Rev.	Description of Change	ECN No.	Date
R	TITLE BLOCK	03429	10/03/03

- NOTES:**
1. ALL METAL PARTS TO BE BRASS UNLESS OTHERWISE SPECIFIED
 2. PARTS ASSEMBLED WITH STAINLESS STEEL CONTACT SPRING & ACTION SPRINGS
 3. PARTS MAY BE ASSEMBLED OR SUPPLIED IN A PLASTIC BAG
 4. KNOB AND HARDWARE SHIPPED LOOSE

Tolerances: Unless otherwise specifically noted, the following are default tolerances:
 • 3-place Decimal Dimensions ±.005"
 • 3-place Decimal Dimensions ±.004"
 • Angular Dimensions ±1.3 Deg.
 • Holes: Refer to equivalent English Dimensional Tolerance
 *** NOTE: All tolerances are Non-Cumulative. ***

Dimensional Units: All dimensions are expressed in inches except those shown in brackets [x] which are expressed in millimeters

***MOM* or an Action M = Non-Toleranced Reference Dimension, shown for identification purposes only.**

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

PROPRIETARY INFORMATION: This Engineering Drawing, and the information contained herein, is proprietary to Cole Hersee Company and may not be disclosed, reprinted, or in any other way transferred or communicated to any other party without the express written consent of an authorized representative of Cole Hersee Company.

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 Dimensional Document (Shower Drawing). This is a non-controling document unless otherwise specifically noted.

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

Drawn By: **EA** Date Drawn: **10/2/89**

Special Characteristics:

- Critical Characteristics, relating to Safety and/or Regulatory Compliance
- Significant Characteristics relating to Process Control (SPC)
- Key Characteristics 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.

Engineer: Pg. 1 of 1

Cole Hersee Co.

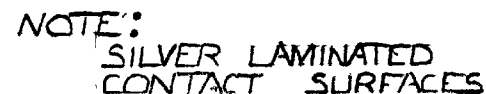
20 Old Colony Ave., South Boston, MA, 02127
 Phone: 617-388-2100 Web: www.colehersee.com

Description: **SWITCH, MOM** ®

Drawing / Part No.: **M-608**

Current Rev.:
R

MM	IN
.09	.004
11.17	.44
28.19	1.11
34.79	1.37
79.50	3.13

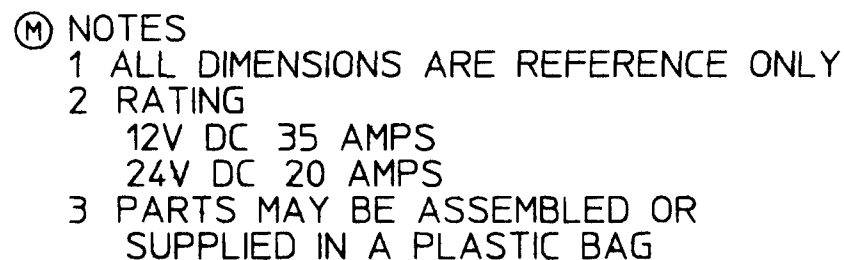


METRIC

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPRV D	SCALE	DATE DRAWN
								NOTED	J K	HF		1:1	12-18-87
								FINISH NOTED	 Cole Hersee Co. 20 OLD COLONY AVENUE SOUTH BOSTON MA U S A 02127				DATE BLUEPRINT
								TOLERANCES DECIMAL $\pm$ METRIC $\pm .010$	HEAVY DUTY STARTER SWITCH				M1612
					REDRAWN	12-21-87	J K						

Confidential Property of Cole Hersee

	MM		IN
1	52	0	060
3	04	0	120
8	89	0	350
10	41	0	410
11	17	0	440
28	44	1	120
34	92	1	375
79	75	3	140

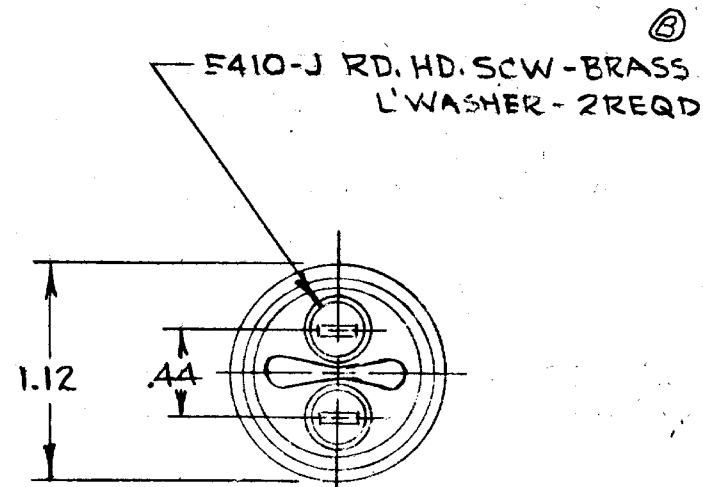


DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHK	APVD	SCALE		DATE DRAWN
									PLB	JMP		11		12/27/56
								FINISH	 Cole Hersee Co. 20 OLD COLONY AVENUE, BOSTON, MA, U.S.A. 02127					DATE BLUEPRINTED
				M	ECN #26836 BAGGED PARTS	7/25/97	AJS	TOLERANCES DECIMAL ± ANGLE ±	SW, P-P, MOM					M626
				L	PUT ON CAD	7/26/96	DPS							

Σ
0
I

PEOBODY GALLION



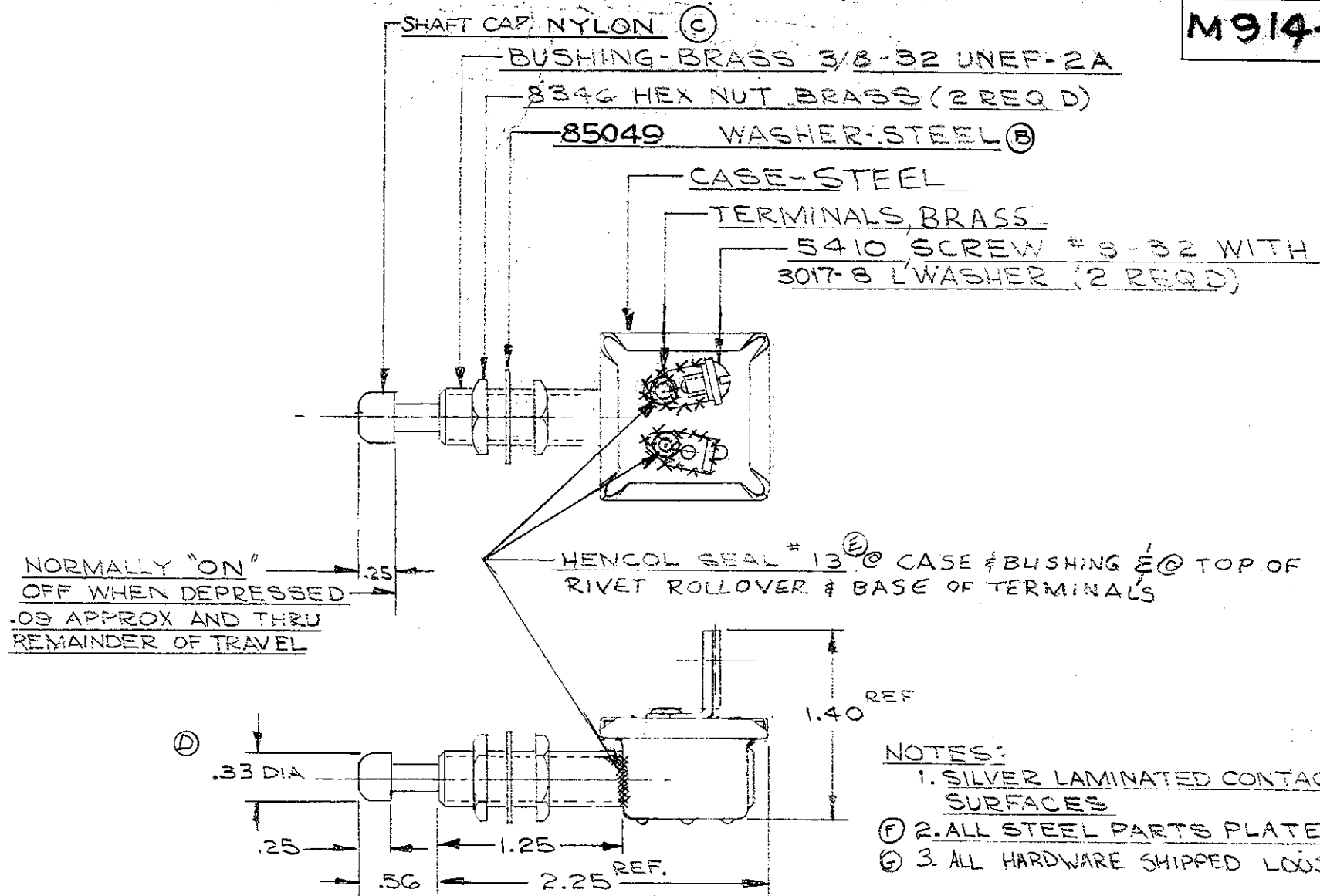
CURRENT RATINGS

12V. DC

24V DC

DO NOT SCALE

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CONFIDENTIAL PROPERTY OF COLE HERSEE

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROVD	SCALE	USED ON	DATE DRAWN
				D	.32 DIA/21629	2-16-82	(B)		CF	LPG		FULL	USED ON M914 LESS PVC, WITH EPOXY SEAL, & L WASHER (A)	3-12-69
H	ELN 09002	1-16-69	S	C	BUTTON/18761	9-6-74	BW	FINISH	COLE-HERSEE COMPANY					DATE BLUEPRINT
G	ELN 2991193	5/13/69	K	B	1220/14978	8-3-70	JH		BOSTON, MASS. 02127, U.S.A.					
F	2AD OR 2INC/25234	12/23/62	JH	A	ADDED/16910	2-18-70	JH	TOLERANCE UNLESS SPECIFIED 2 DECIMAL + .010 3 DECIMAL + .005 ANGULAR + .20	NAME NORMALLY ON PLUNGER SWITCH					PART NO.
E	REVISED HENCOL SEAL	3/27/84	PS		ISSUED	3-17-64	7							M914-01

Mouser Electronics

Authorized Distributor

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