

25	144
53	218
71	348
50	455
88	468
744	687
85	703
79	931
213	1265
492	1375
284	1687
45	1750



ALL STEEL PARTS EITHER ZINC
PLATE WITH DICHROMATE DIP
OR CADMIUM PLATE.

METRIC

CONFIDENTIAL PROPERTY OF COLE HERSEE

DO NOT SCALE

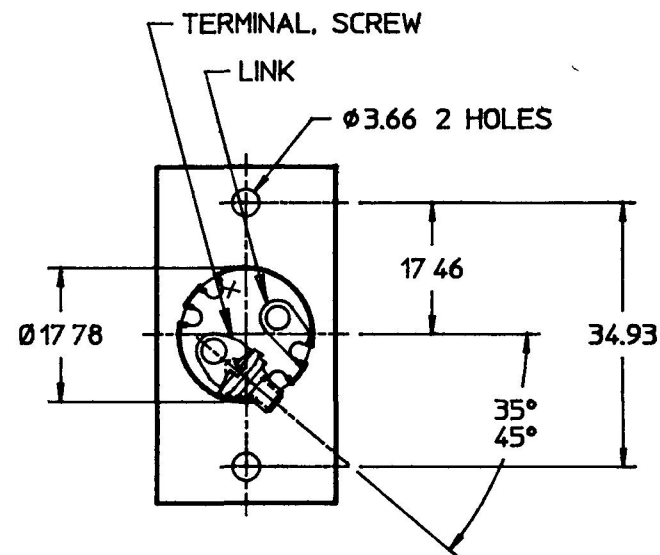
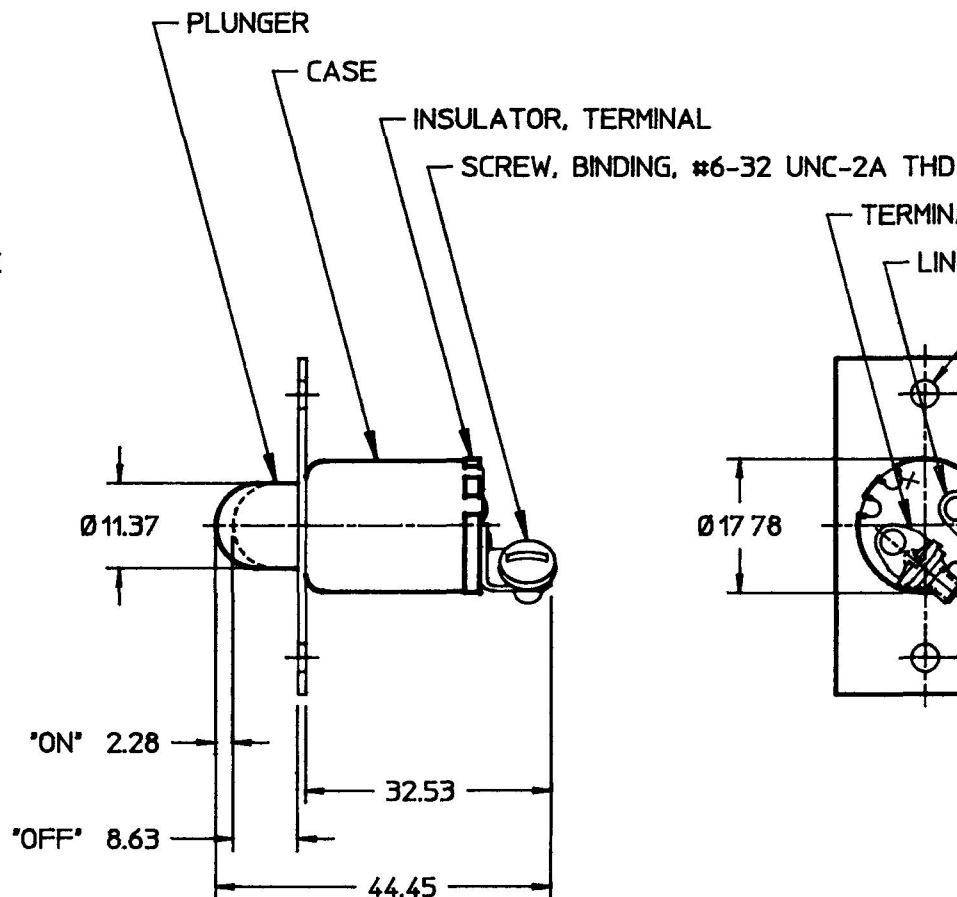
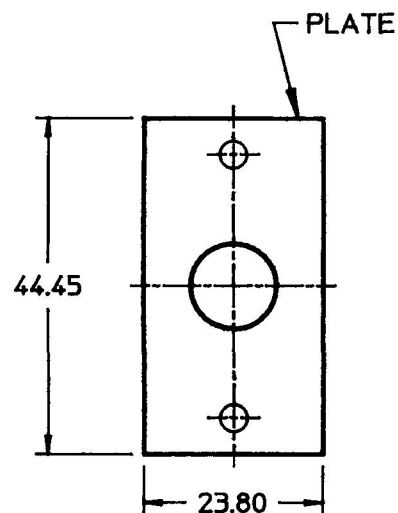
DO NOT SCALE														
LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D.	SCALE		DATE DRAWN
									R M	 11-3-78		1:1		8 - 23 - 51
								FINISH		 Cole Hersee Co. 20 OLD COLONY AVENUE, SOUTH BOSTON, MA, U.S.A. 02127				DATE BLUEPRINT
				N	ECN 09002	1-16-89	S/S	TOLERANCES		DOOR SWITCH				9001
				M	REDRAWN	0-27-78		FRACTIONAL $\pm$						
								DECIMAL ± 0.25						

C-188 (4-78)

9003



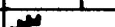
MM	IN
2.28	0.090
3.66	0.144
8.63	0.340
11.37	0.448
17.46	0.688
17.78	0.700
23.80	0.937
32.53	1.281
34.93	1.375
44.45	1.750



NOTES:
1. ALL STEEL PARTS PLATED
2. ALL DIMENSIONS ARE REFERENCE

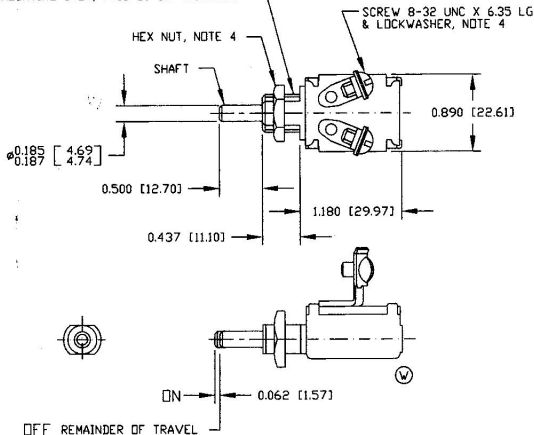
METRIC

DO NOT SCALE

LET.	WAS	DATE	BY	LET.	WAS	DATE	BY	MATERIAL	DRAWN	CHK	APVD	SCALE	DATE DRAWN
									MJT	AF		1:1	EX25647 5/11/94
								FINISH	 Cole Hersee Co. 20 OLD COLONY AVENUE, BOSTON, MA, U.S.A. 02127				DATE BLUEPRINTED
								TOLERANCES	SW, MOM, DOOR				9050-01
				C	REVISED PER EON #25500	5/11/94	MJT	DECIMAL ± ANGLE ±					

Confidential Property of Cole Hersee

MOUNTING STEM, 7/16-20 UNF ALUMINUM



Revision Control Record

Rev.	Description of Change	ECN No.	Date
W	REMOVED BUMPS FROM CASE	02151	3/27/02

NOTES:

1. ALL STEEL PARTS PLATED
2. RATING 10 AMP @ 12V
3. ALL DIMENSIONS ARE REFERENCE UNLESS OTHERWISE SPECIFIED
4. PARTS MAY BE ASSEMBLED OR SUPPLIED IN A BAG

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 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

RFP - or an Asterisk () - Non-Tolerance 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, reproduced, 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/ referring 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)



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: 617-266-2100 Web: www.colehersee.com

Description: **SW, DOOR**

Drawing/ Part No.: **9055**

Current Rev.: **W**

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

Drawn By: **PG**

Date Drawn: **12/3/49**

Responsible Engineer:

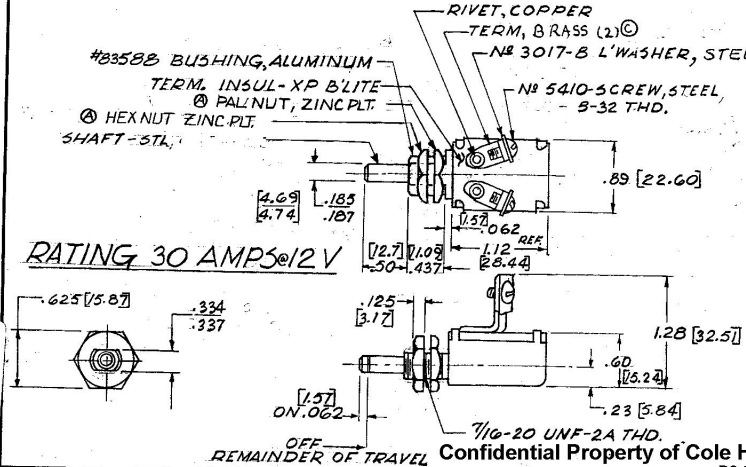
Pg. 1 of 1

9055-02

NOTE:
⑥ ALL STEEL PARTS PLATED

#83588 BUSHING, ALUMINUM
TERM. INSUL-XP B'LITE
② PAL'NUT, ZINC PLT.
④ HEX NUT ZINC PLT.
SHAFT-STEEL
RIVET, COPPER
TERM. BRASS (2) ③
#2 3017-B L'WASHER, STEEL
#5 5410-5 SCREW, STEEL,
- 5-32 THD.

RATING 30 AMPS @ 12 V



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LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROV'D	SCALE	DATE DRAWN
									SB	983	2 JAN 74	1-1	12-28-73
				C	TERM. #2002	1/9/62	AA	FINISH					
				B	NOTE 25239	11/13/72	UH						
				A	REV/20975	10-9-80	CS	TOLERANCES					
					ISSUED	1-14-74	RY	FRACTIONAL ±					
								DECIMAL ±					

COLE-HERSEE COMPANY
BOSTON, MASS. 02127, U.S.A.

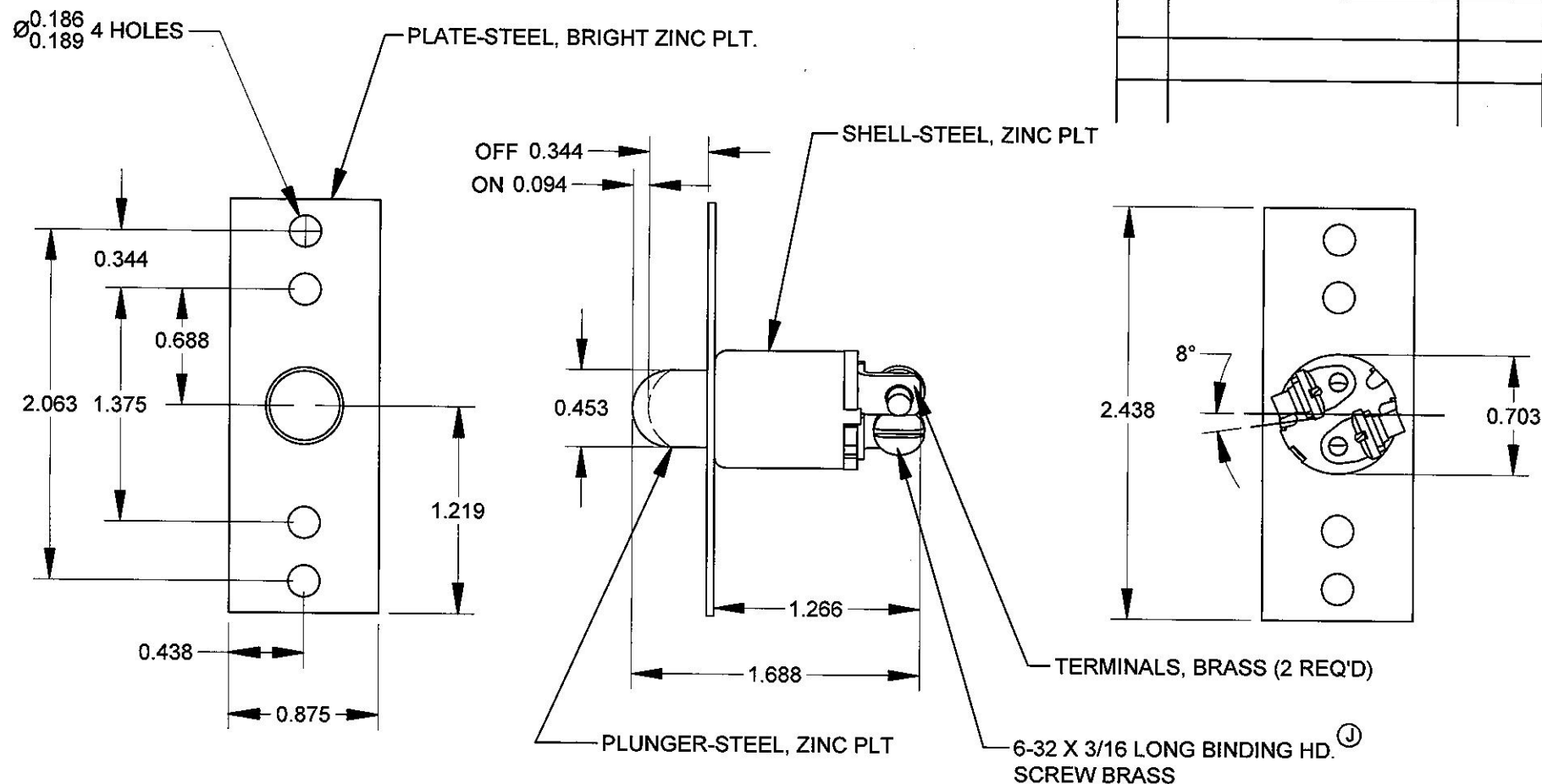
DOOR SWITCH

DATE BLUEPRINT

9055-02

Revision Control Record

Rev.	Description of Change	ECN No.	Date
J	CHANGE NOTE	09170	03/03/09



^(J) NOTE:
1. ALL DIMENSIONS ARE REFERENCE ONLY

Tolerances Unless otherwise specifically noted, the following are default tolerances:
2-places 3-places Angular
± 0.02" ± 0.005" ± 1°
Metric: Shown in [] refers to equivalent English Dim Tol

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

NOTE: All tolerances are Non-Cumulative.

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.

Special Characteristics:

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



Cole Hersee Co.

20 Old Colony Ave., South Boston, MA, 02127
Phn: 617-268-2100 Web: www.colehersee.com

Description:

DOOR SWITCH

Drawing / Part No.:

9087

Current Rev.

J

COLE-HERSEE CO. N.P.M. 2-13-73

LOCK WASHER- STEEL

④ HEX NUT, ZINC PLT.

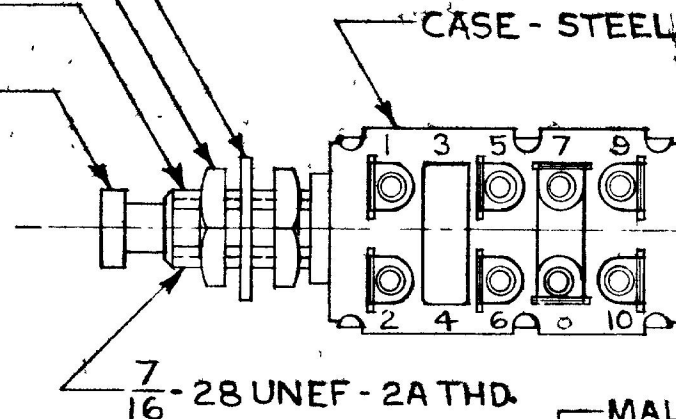
(2 REQ'D)

BUSHING-BRASS

PLUNGER BUTTON-STEEL

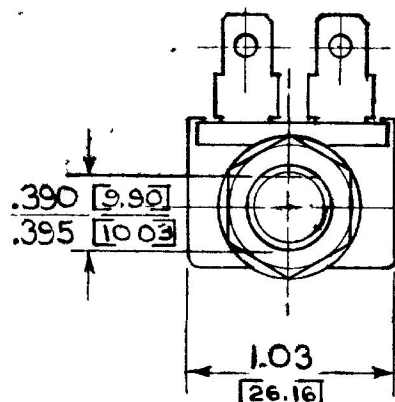
-CASE - STEEL

This document contains Proprietary Information of Cole-Hersee Company and is loaned subject to return upon demand and upon the expressed condition that it shall not be used in any way detrimental to the interests of the Cole-Hersee Company. This legend shall appear on any reproduction hereof in whole or in part.

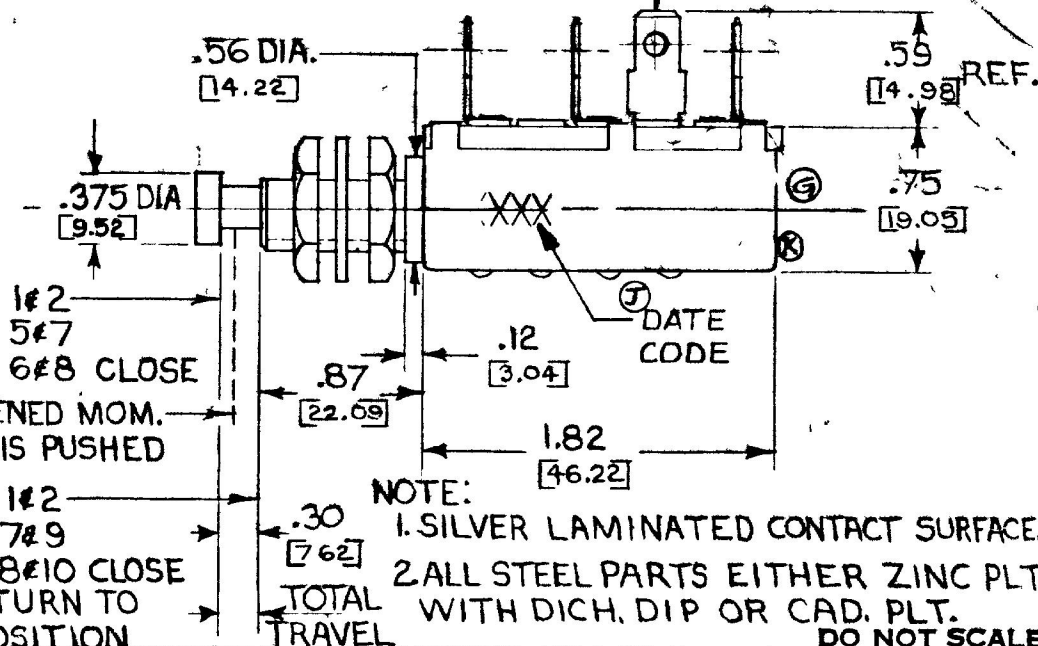


$-\frac{7}{16} - 28 \text{ UNEF} - 2 \text{A THD.}$

MALE BLADE TERM.
BRASS-SAEJ858



NOTE:
SWITCH SHOWN IN
NORMAL POSITION



NOTE: 1#2 OPENED MOM.
AS PLUNGER IS PUSHED

1#2 _____
7#9
8#10 CLOSE

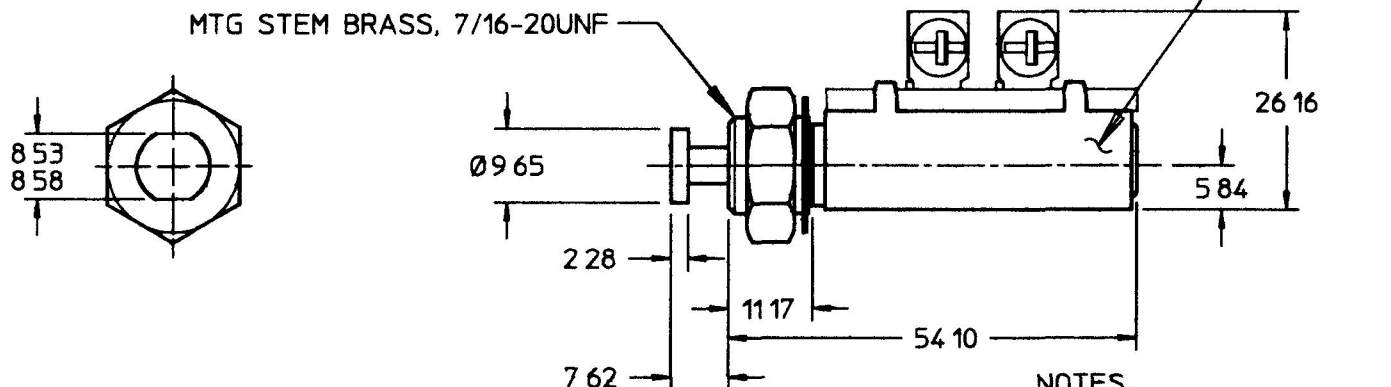
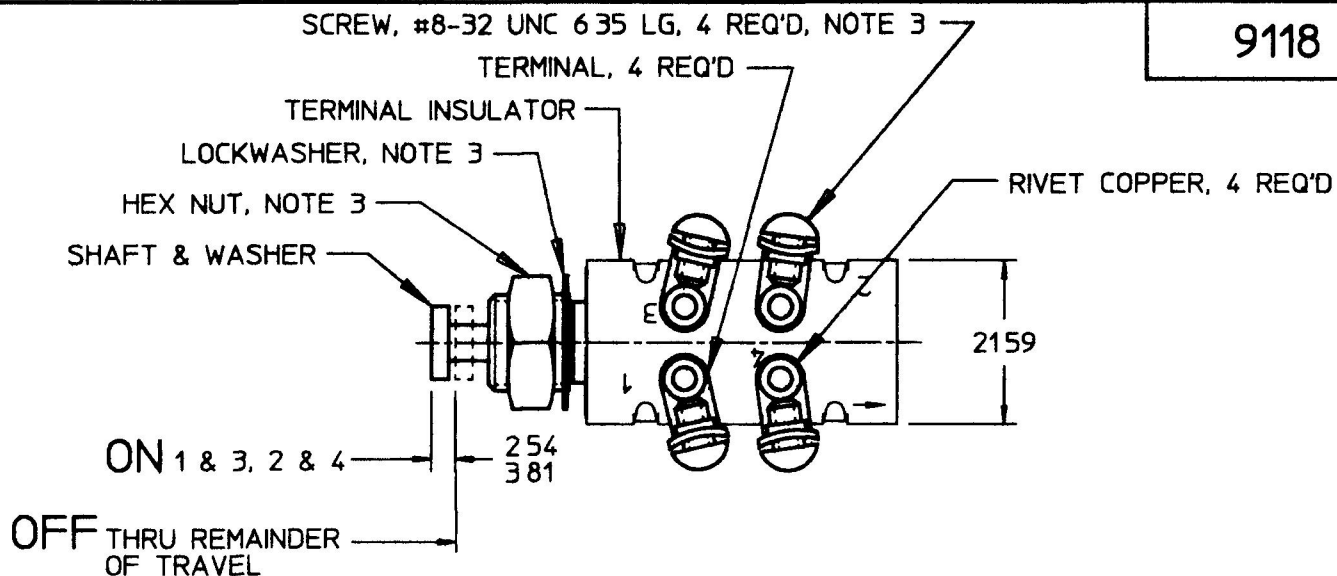
SPRING RETURN TO
NORMAL POSITION

NOTE: [46.22]
1. SILVER LAMINATED CONTACT SURFACES
2. ALL STEEL PARTS EITHER ZINC PLT.
WITH DICH. DIP OR CAD. PLT.
DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPRY D	SCALE	DATE DRAWN	
				K	REPL. 2 BY NO 3565311	25969	12/10/43	3H		E.A.	REC. 1-9-73	FULL	12-22-72	
				J	ADDED DATE CODE	21317	4-16-81	(B)	FINISH	COLE-HERSEE COMPANY				DATE BLUEPRINT
				H	REV/	20975	12-16-82	(B)		BOSTON, MASS 02127, U.S.A.				
				G	REV/	12/15/82	7-30-74	KG	TOLERANCES	CONTROL SWITCH.				91050.
				I	NO CHANGES	5314	KG	FRACTIONAL ± DECIMAL ±.01						

9118

MM	IN
2 28	0 090
2 54	0 100
3 81	0 150
5 84	0 230
7 62	0 300
8 53	0 336
8 58	0 338
9 65	0 380
11 17	0 440
21 59	0 850
26 16	1 030
54 10	2 130



NOTES.

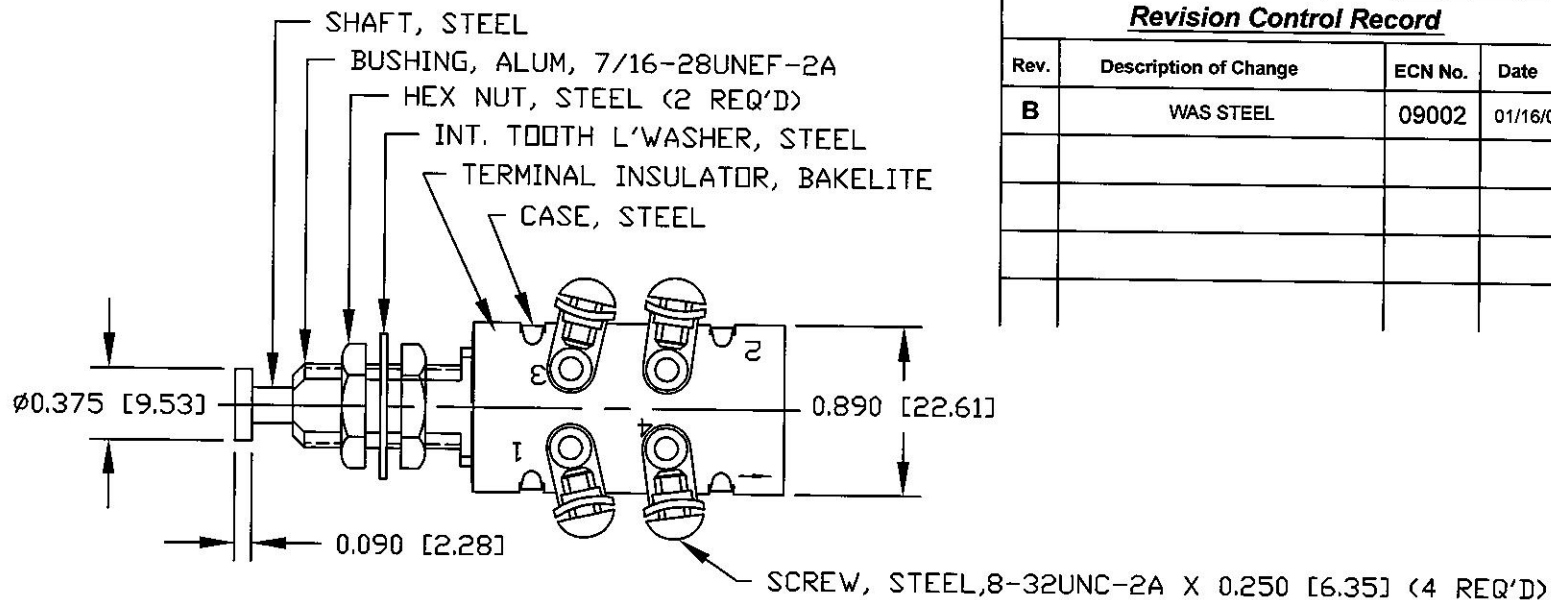
- 1 ALL STEEL PARTS ARE PLATED
- 2 ALL DIMENSIONS ARE REFERENCE UNLESS NOTED OTHERWISE
- 3 PARTS MAY BE ASSEMBLED OR SUPPLIED IN A PLASTIC BAG

METRIC

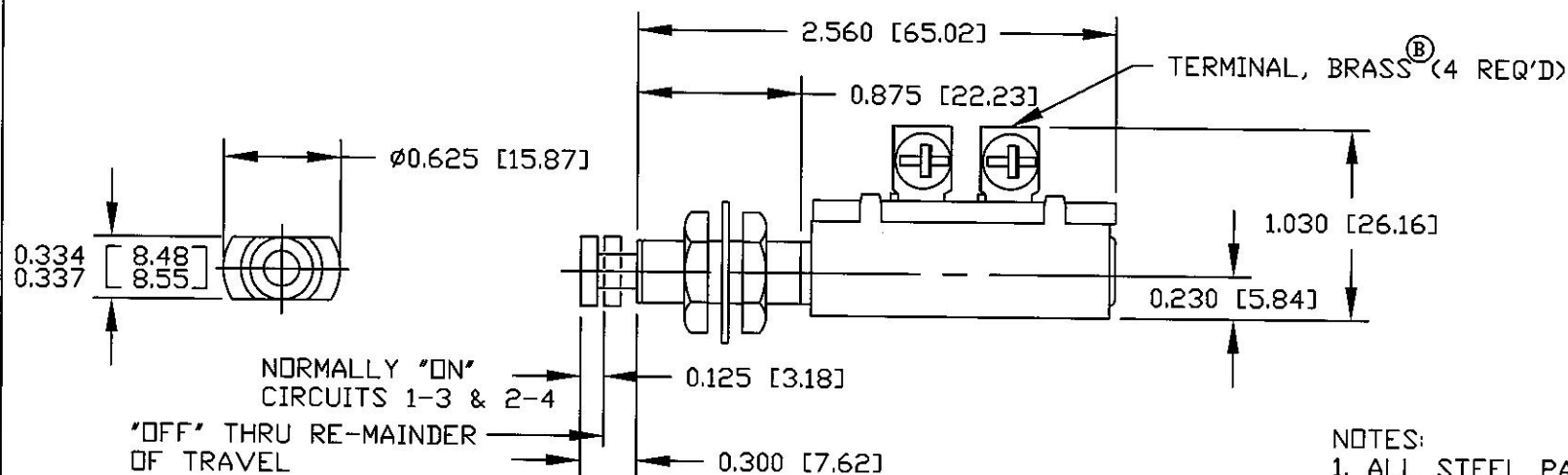
DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHK	APVD	SCALE	DATE DRAWN
									SN	JMP		11	12/21/50
								FINISH	 Cole Hersee Co. 20 OLD COLONY AVENUE, BOSTON, MA, U.S.A., 02127				DATE BLUEPRINTED
								TOLERANCES	SWITCH, MOM, DPST				9118
				J	PUT ON CAD	7/29/97	AJS	DECIMAL ± ANGLE ±					

Confidential Property of Cole Hersee



Revision Control Record			
Rev.	Description of Change	ECN No.	Date
B	WAS STEEL	09002	01/16/09



NOTES:
 1. ALL STEEL PARTS PLATED

Tolerances Unless otherwise specifically noted, the following are default tolerances;

2-places $\pm 0.02"$ **3-places** $\pm 0.005"$ **Angular** $\pm 1^\circ$

Metric: Shown in [] refers to equivalent English Dim Tol

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

NOTE: All tolerances are Non-Cumulative.

PROPRIETARY INFORMATION

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Special Characteristics:

CC Critical Characteristic, relating to Safety and/or Regulatory Compliance

X Significant Characteristic relating to Process Control

KC Control Dimension relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer



Cole Hersee Co.

20 Old Colony Ave., South Boston, MA, 02127
 Phn: 617-268-2100 Web: www.colehersee.com

Description:

DPST MOM, SW

Drawing / Part No.:

9118-04

Current Rev.

B

FORM CHT-6 (2/07)

Used On
or Ref.:

Scale: 1:1

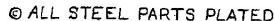
Drawn
BY: RMT

Date
Drawn: 05-23-79

Pg. 1 of 1

NAS EX-13089

91800



POSITION														
LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	USED ON	DATE DRAWN
									EA	CB		FULL		7-18-61
				D	REMOVE	10/07	SA		COLE HERSEE COMPANY BOSTON 27, MASS., U.S.A.					DATE ISSUED
				C	NOTE ADDED	9/23/62	JH	TOLERANCES FRACTIONAL $\pm .015$ DECIMAL $\pm .010$	NAME COMB. PUSH-PULL MOMENTARY DOOR SWITCH					PART NO. 91800
				B	REV	20/975	10-16-80							
				A	ISSUED	8-7-61	B							