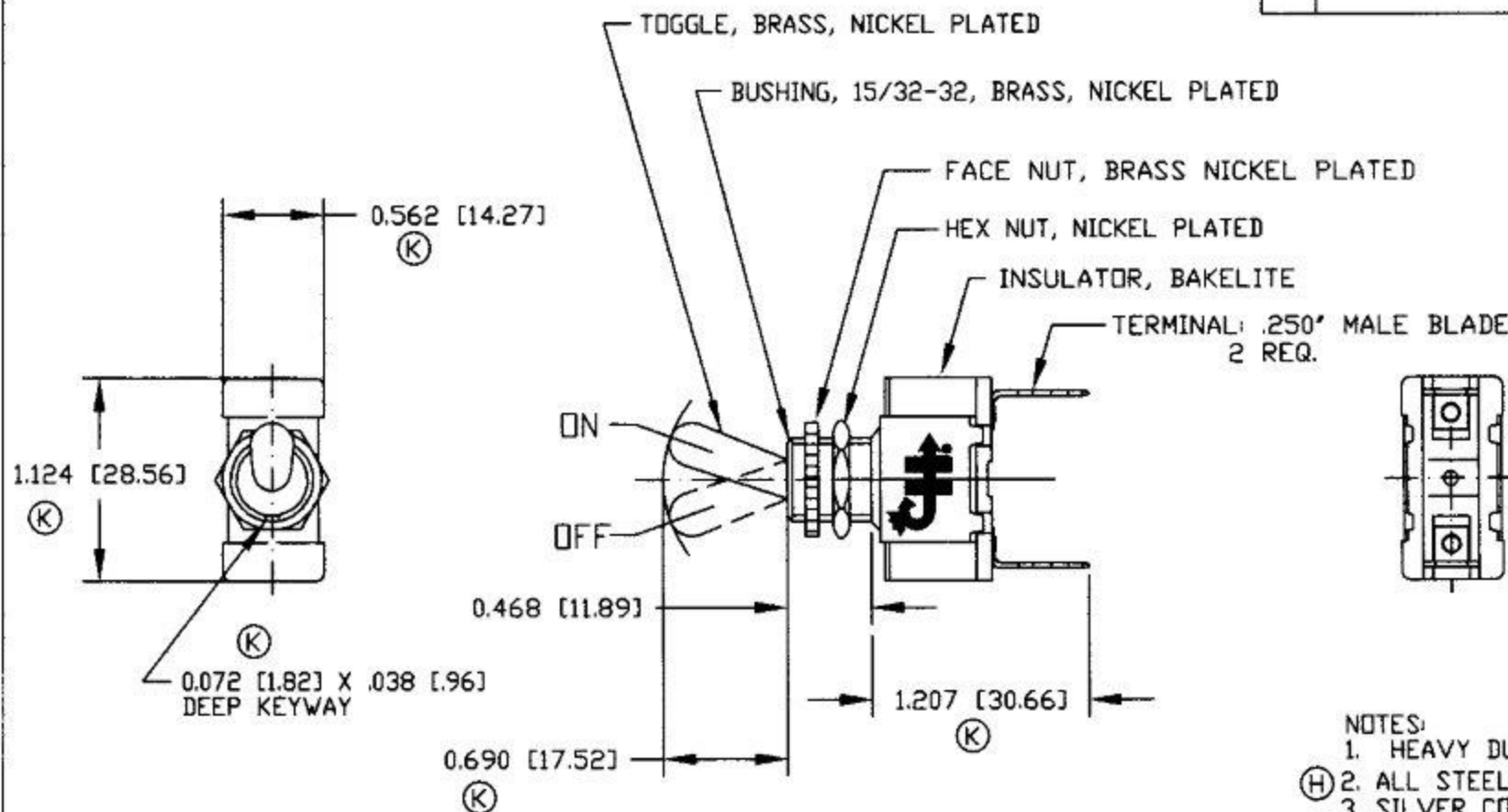


Revision Control Record

Rev.	Description of Change	ECN No.	Date
K	PUT ON CAD	05124	01/20/05



NOTES:

1. HEAVY DUTY CONTACTS
2. ALL STEEL PARTS ZINC PLATED (H)
3. SILVER CONTACT SURFACES
4. 25 A @ 12V / 15 A @ 24V

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. <<<

Dimensional Units: All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters

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

Special 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.)



Cole Hersee Co.

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

Description:

**SWITCH, TOGGLE . SPST
ON-OFF**

Drawing /
Part No.:

55014

Current Rev.

K

Used On
or Ref.:

Scale: **1:1**

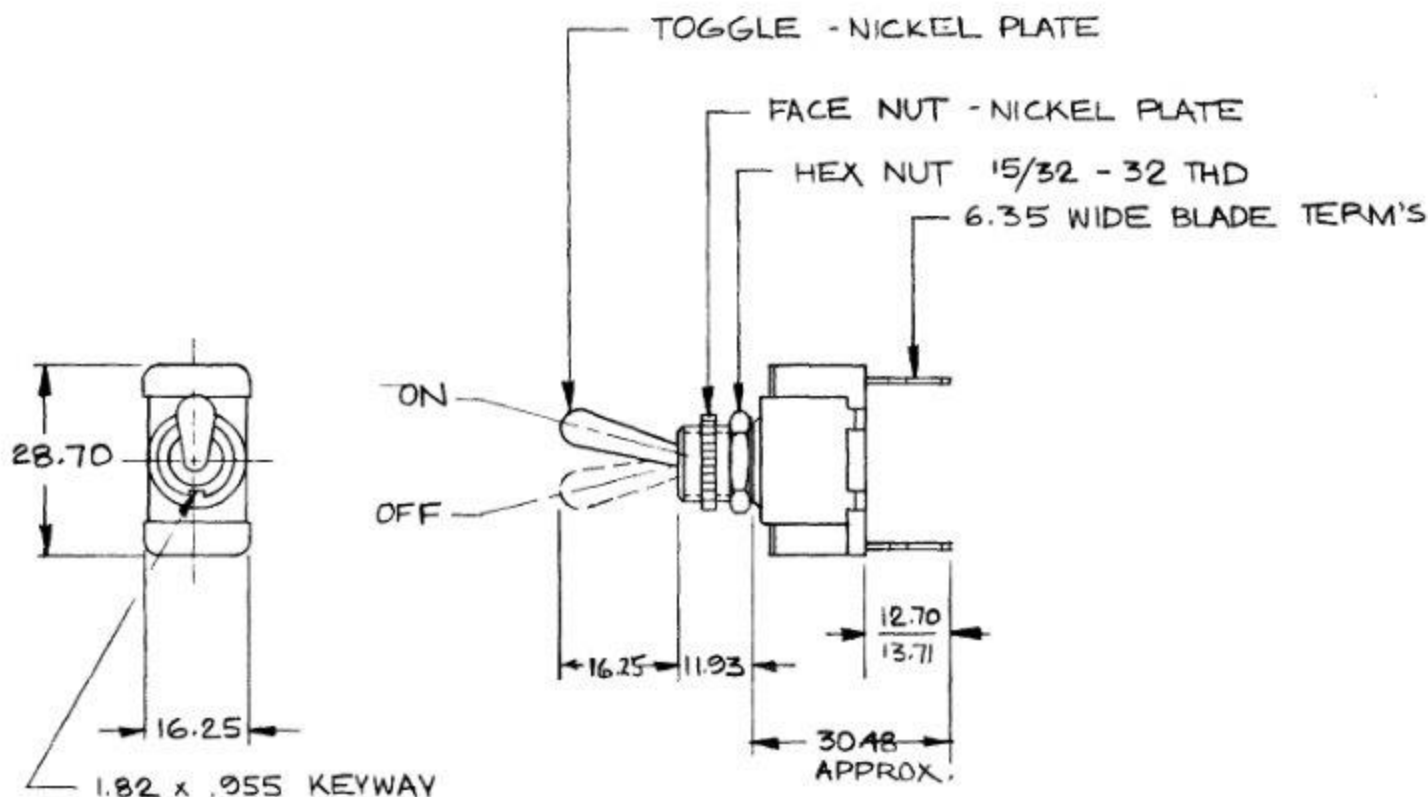
Drawn By: **LMC**

Date Drawn: **2/27/67**

Responsible Engineer: **G.AUGUSTE**

Pg. 1 of 1

MN	IN
.955	.038
1.82	.072
6.35	.25
11.93	.47
12.70	.50
13.71	.54
16.25	.64
28.70	1.13
30.48	1.20



25 AMP-12V DC

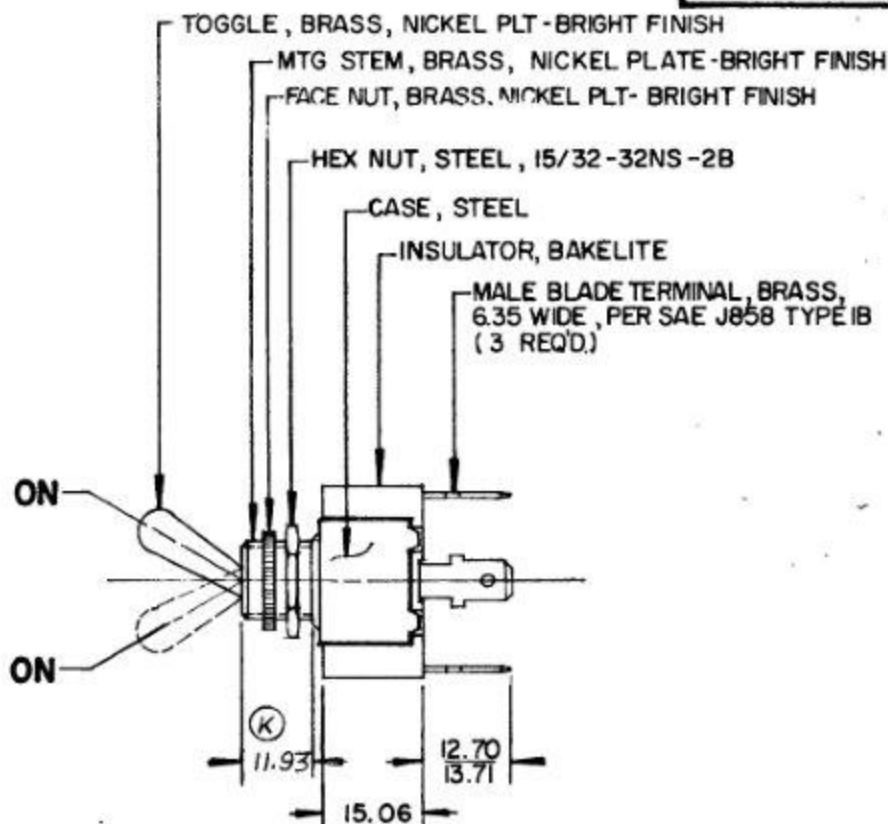
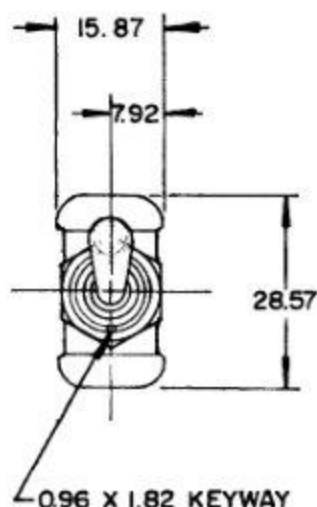
1 NEOPRENE O-RING SEAL IN BUSHING
② 2 SILVER CONTACT SURFACES

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROV'D	SCALE	DATE DRAWN
									R			1:1	1-21-75
								FINISH	 Cole Hersee Co. 200 E. COLONY AVE. NEW YORK, N.Y. 10017				DATE BLUEPRINT
													
				D	ADD NOTE / 25438	7/5/93	T.H.	TOLERANCES	 SWITCH, TOGGLE				55014-05
				C	REDRAWN	4/24/90	CD	DECIMAL ± METRIC ±					

MM	IN
0.25	.010
0.96	.038
1.52	.060
1.82	.072
6.35	.250
7.92	.312
12.70	.500
11.93	.470
13.71	.540
14.98	.590
15.06	.593
15.87	.625
28.57	1.125

RATING:

10 AMPS @ 250 V. A. C.
15 AMPS @ 125 V. A. C.
25 AMPS @ 12 V. D. C.



NOTE

1. ALL STEEL PARTS EITHER ZINC PLATE WITH DICHROMATE DIP OR CADMIUM PLATE
2. SILVER CONTACT SURFACES

METRIC

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPRV D	SCALE	DATE DRAWN
									PLB	53-79		1:1	9 - 6 - 56
								FINISH					DATE BLUEPRINT
				L	ADD NOTE / 25432	7/15/93	TH						
				K	531/21279	1-21-81	CB	TOLERANCES					
				J	REDRAWN	5-2-79	JV	DECIMAL ±					
								METRIC ± 0.25					

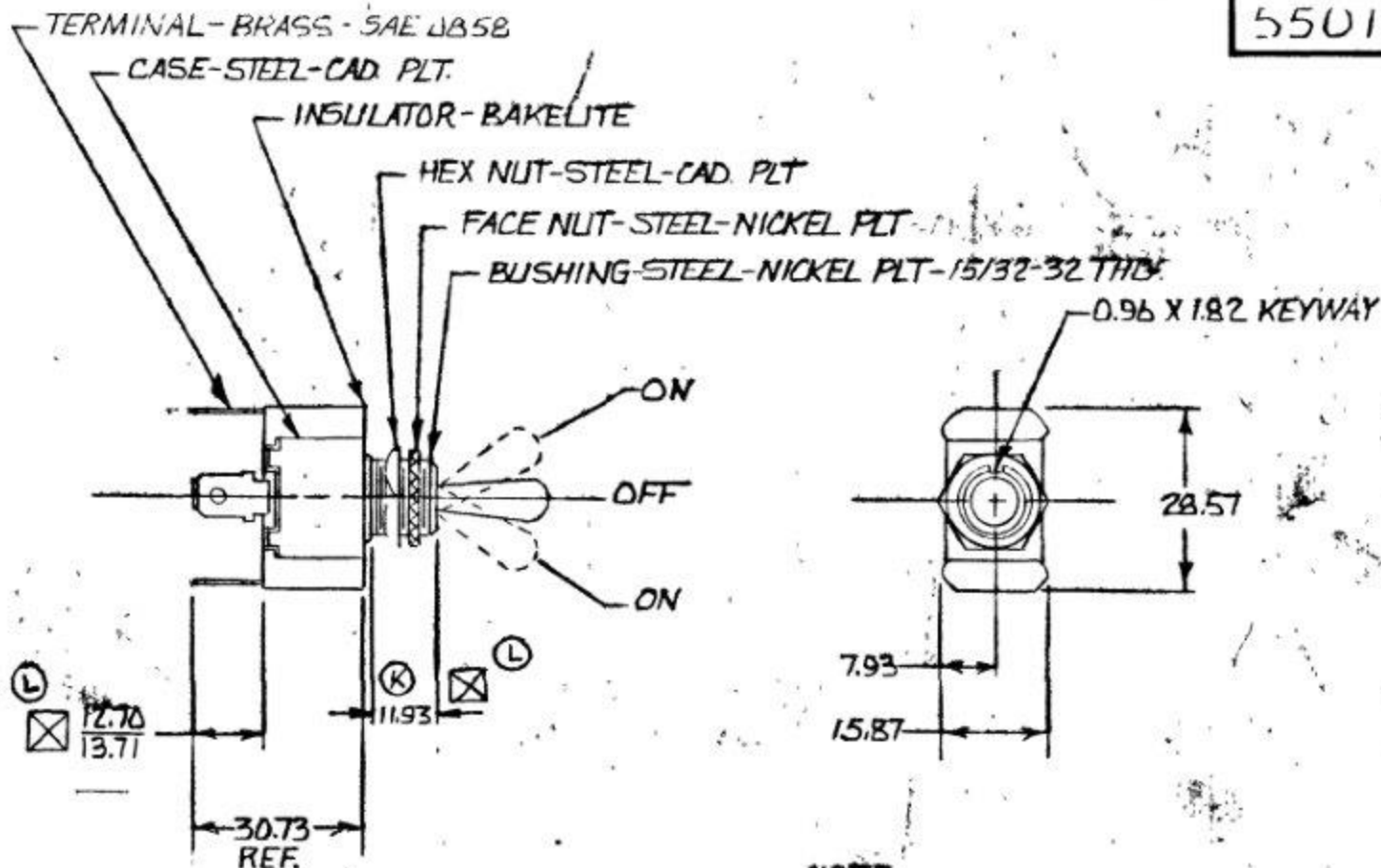
SP-DT TOGGLE SWITCH

55015

CH-188(4-78)

COLE-HERSEE CO.

55016



NOTE:

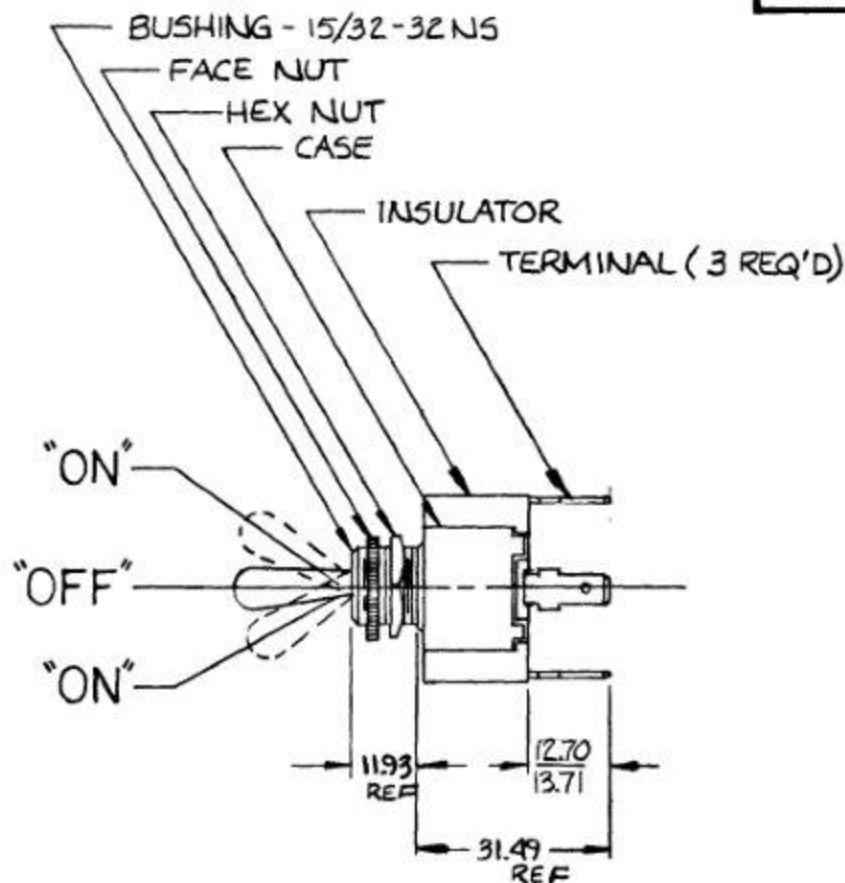
⊗ SILVER CONTACT SURFACES

METRIC

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROV D	SCALE	DATE DRAWN
									PLB	JH		1-1	9-6-56
				M	ADD NOTE/25932	9/15/93	TJH	FINISH					DATE BLUEPRINT
				L	AND 54-8015	2-25-92	94						
				K	.531/21279	1-21-81	KG	TOLERANCES					
				J	ALL MEAS.	4/1/77		FRACTIONAL ± 0.38					
								DECIMAL ± 0.25					
COLE-HERSEE COMPANY BOSTON, MASS. 02127, U.S.A.												TOGGLE SWITCH	55016

✓ .96 x 1.82 KEYWAY



1. "O" RING SEAL IN BUSHING.
2. SILVER CONTACTS.
3. 25 AMPS @ 12 VDC LAMP LOAD.

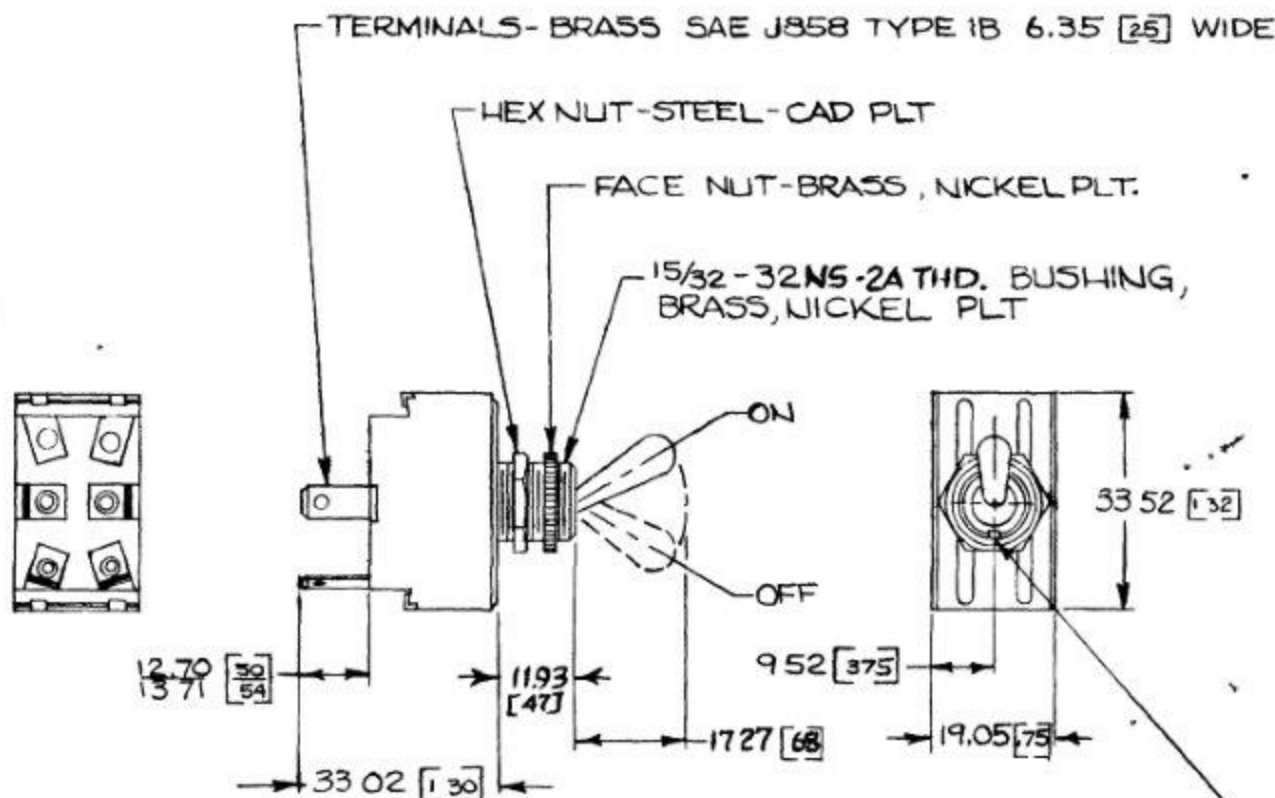
METRIC

CH-188(4-78)

COLE-HERSEE CO. NPM 11-10-75

EX-17265

55017-02



DIMENSIONS MILLIMETERS [INCHES]

182 [072] X 96 [038] DEEP
KEYWAY

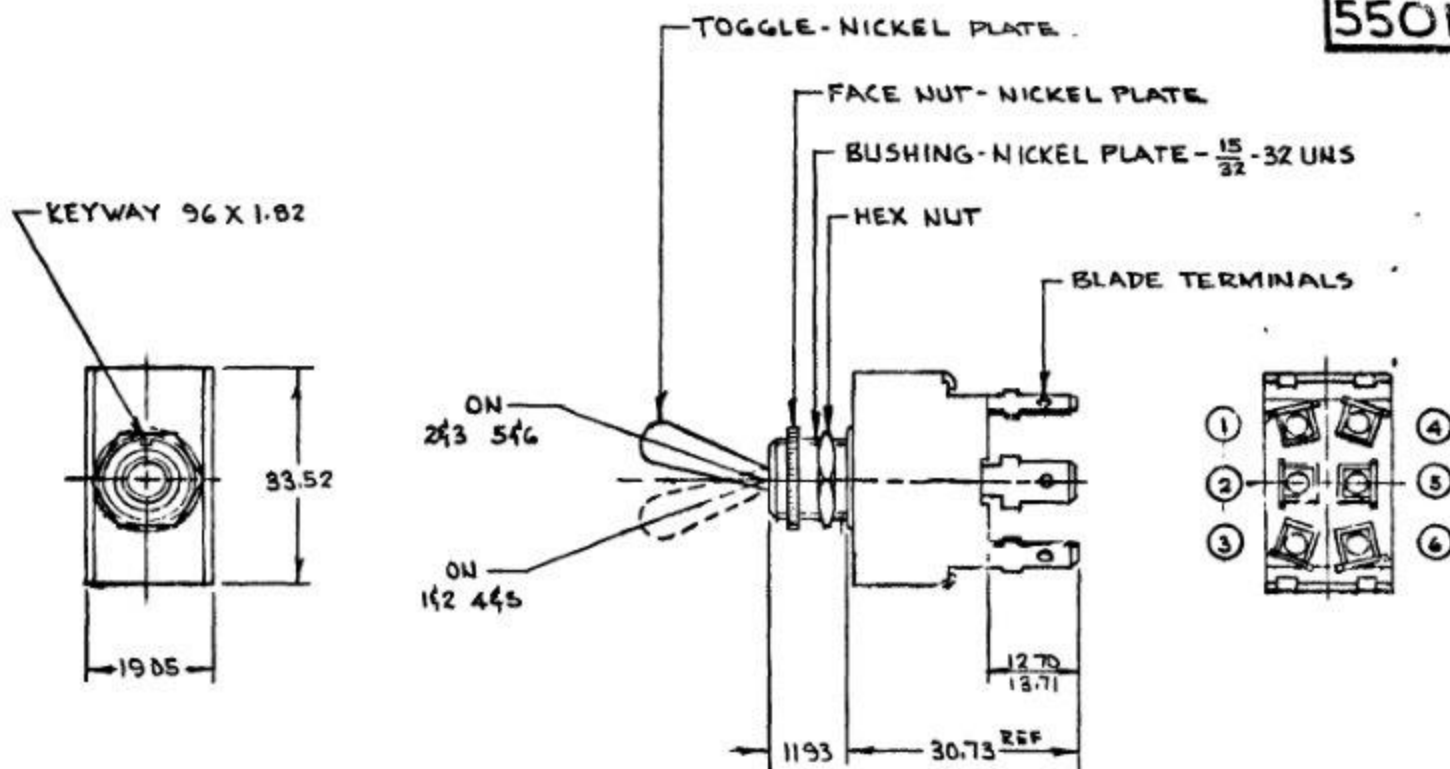
25 AMPS @ 12 V DC

NOTE
1 "O" RING SEALED (NEOPRENE)
② 2 SILVER CONTACT SURFACES

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROV'D	SCALE	BASIC, EXCEPT	DATE DRAWN
								N	JW	TH		1=1	BASIC, EXCEPT O-RING SEALED	10-16-75
								FINISH H	COLE-HERSEE COMPANY BOSTON, MASS 02127, U.S.A.					DATE BLUEPRINT
				A	ADD NOTE/25932	1/17/93	TJH	TOLERANCES FRACTIONAL ± DECIMAL ± 0.00	DPST. "OFF-ON" TOGGLE SWITCH					55017-02
					ISSUED	11/8/1975								

55018



(H) SILVER CONTACT SURFACES

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROVED	SCALE	DATE DRAWN
									GS	H		1/2	8-21-56
								FINISH	  Cole Hersee Co. INCORPORATED - 1912				DATE BLUEPRINT
													
				H	ADD MORE / 25932	1/15/56	LD	TOLERANCES	TOGGLE SWITCH DPDT				55018
				G	REDRAWN NO CHANGE	7-20-56	KJE	DECIMAL ± METRIC ±0.25					

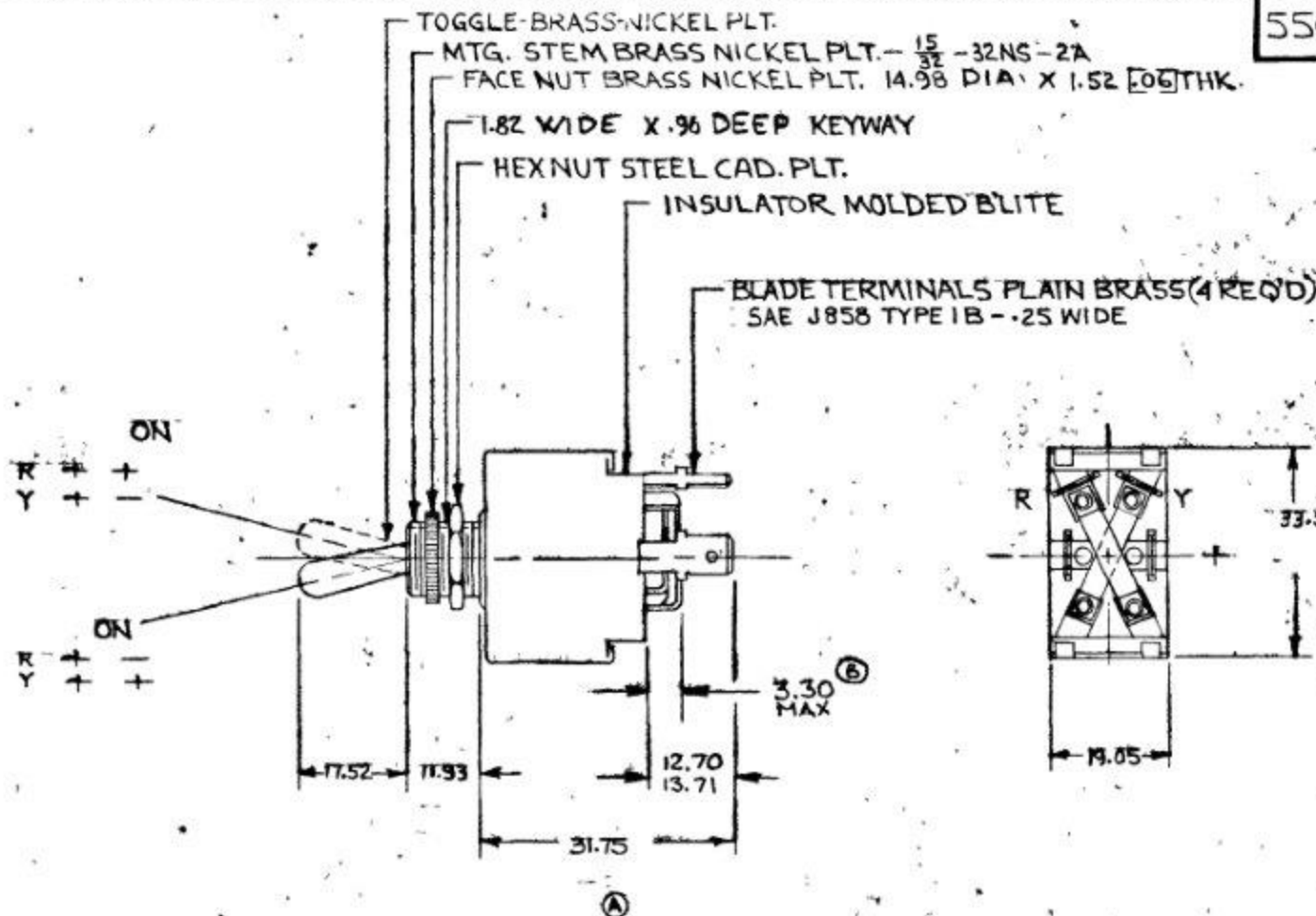
CH-188(4-78)

Confidential Property of Cole Hersee

COLE-HERSEE CO. NPM. 9-22-75

EX. 15740 & 17361

55018-01



DO NOT SCALE

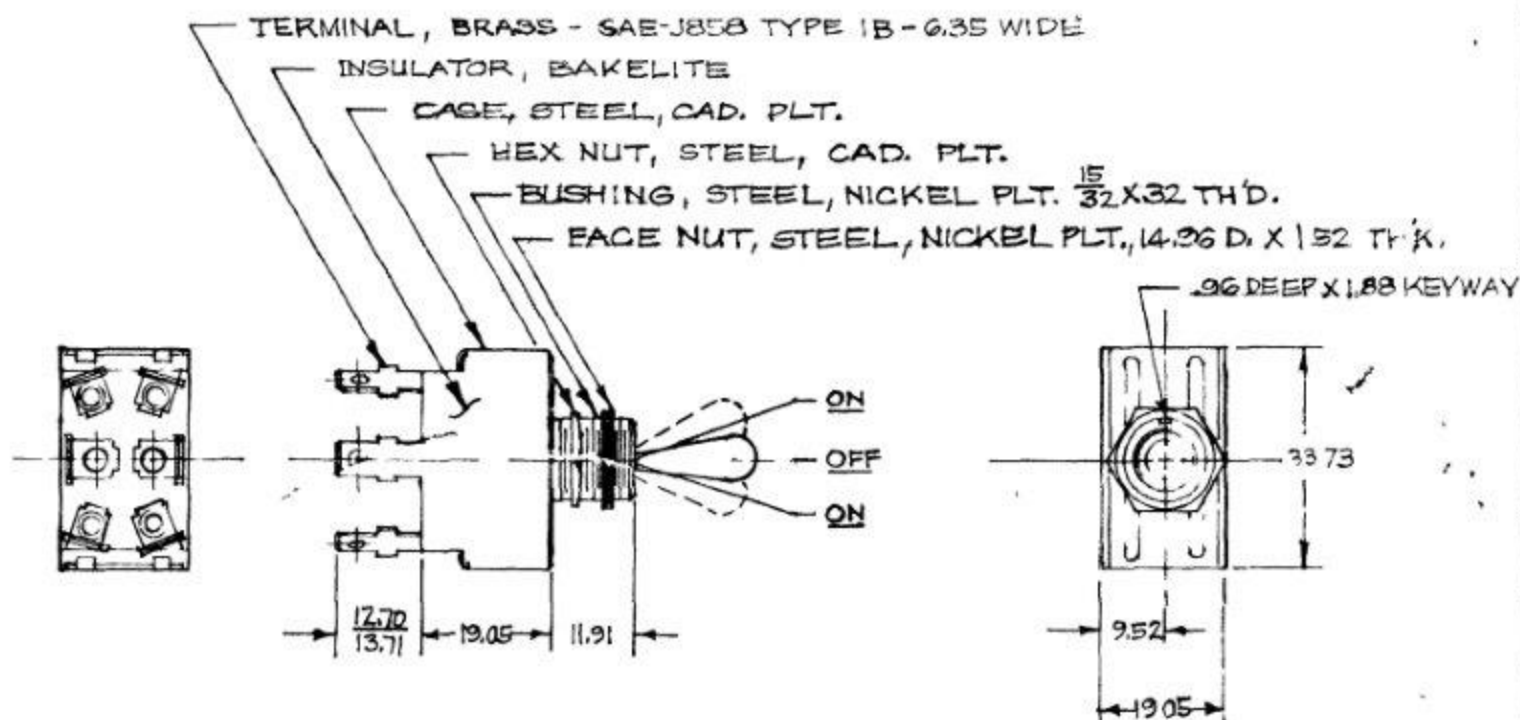
LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPRO'D	SCALE	DATE DRAWN
								H	KG			FULL	9-2-75
								FINISH					DATE BLUEPRINT
				B	ECN24267	1-31-75	AP						
				A	REV/19190	10-14-75	KG	TOLERANCES					
					ISSUED	9-24-75	AF	FRACTIONAL ±					
								DECIMAL ±					
COLE-HERSEE COMPANY													
BOSTON, MASS 02127, U.S.A.													
REVERSING SWITCH													
													55018-01

SPAULDING CO., INC 21-55259

Confidential Property of Cole Hersee

COLE-HERSEE CO.

55019



NOTE

⑥ SILVER CONTACT SURFACES

METRIC

25 AMPS @ 12V DC

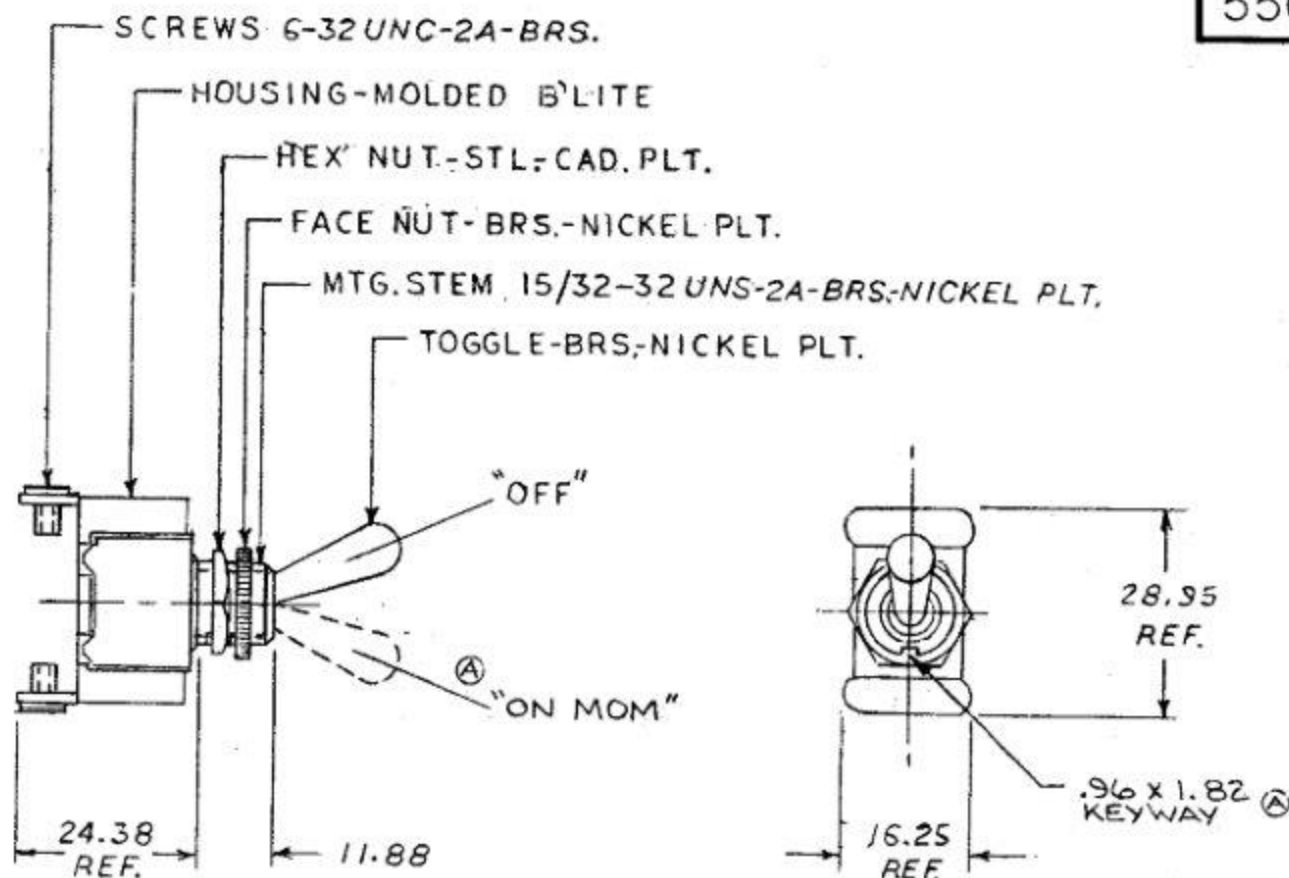
DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL NOTED	DRAWN	CHECKED	APPROVED	SCALE	DATE DRAWN
									GG	TY		FULL	8-21-56
								FINISH					DATE BLUEPRINT
									COLE-HERSEE COMPANY				
									BOSTON, MASS 02127, USA				
				B	ADD NOTE/35432	9/14/93	TH	TOLERANCES	D.P.D. TOGGLE SWITCH				55019
				A	WELD A.W.I. IN METRIC	6-6-77	R	FRACTIONAL ±					
								DECIMAL ± .25					

1.25	.010
0.96	.038
1.82	.072
11.88	.468
16.25	.640
17.44	.687
24.38	.960
28.95	1.140

55020-02

METRIC



NOTE:

- 1) NEOPRENE O-RING SEAL AT MTG STEM
- 2) ALL STEEL PARTS EITHER ZINC PLT. DICHROMATE DIP OR CAD. PLT.

③ 3) SILVER CONTACT SURFACES

Confidential Property of Cole Hersee

DO NOT SCALE

ET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D.	SCALE	BASIC WITH O-RING SEAL	DATE DRAWN
								—	EA	9-24-76		1=1		9-22-76
								FINISH						DATE BLUEPRINT
				B	ADD NOTE/25432	9/15/73	TJ1							
				A	ECN 23559	6-30-87	MZ	TOLERANCES FRACTIONAL ±						
					ISSUED	7-25-86	AF	DECIMAL ±0.25						

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

TOGGLE SW.

55020-02

MM	IN
1.25	0.010
0.96	0.008
1.82	0.012
9.82	0.037
11.93	0.047
15.74	0.062
25.16	0.033
23.44	0.120
203.20	8.000



DO NOT SCALE

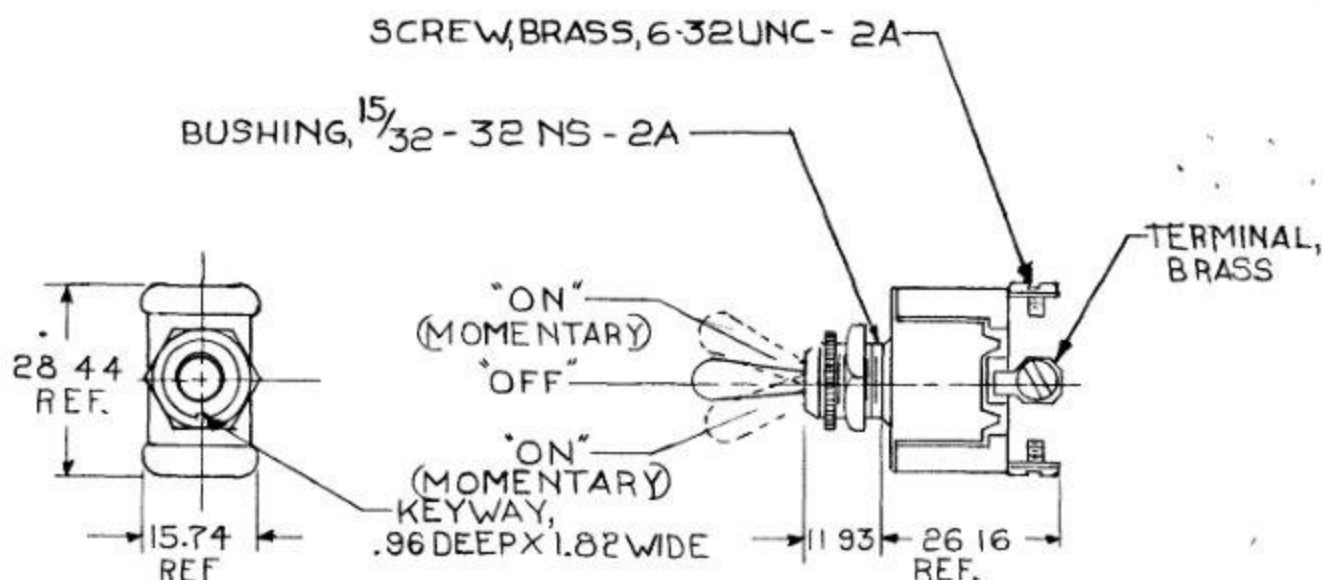
CH 188(4 78)

.96 - 038
1.52 - 060
1.82 - .072
1193 - 470
1498 - .590
1574 - .620
2616 - 1.030
2844 - 1.120

SSD33-01

55021

⑤ SILVER CONTACT SURFACES



METRIC

RATING: 25A @ 12V DC
10A @ 24V DC

DO NOT SCALE

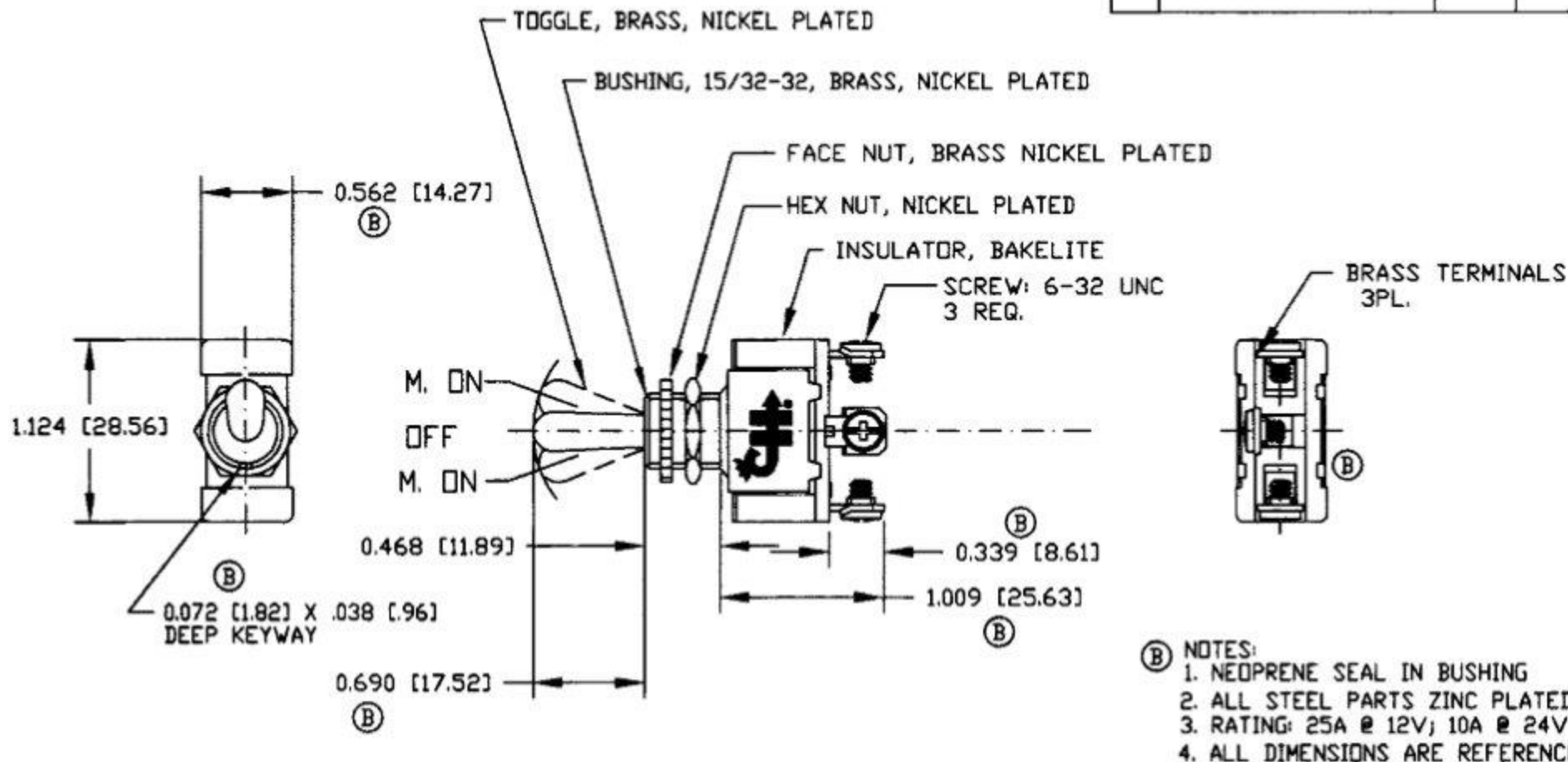
LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	DATE DRAWN
									WD	 3-5-80		1:1	1-22-59
								FINISH 	 Cole Hersee Co 10000 Y. E. 1150 80 TOR. 2 3 2				DATE BLUEPRINT
				D	ADD NOTE/35432	9/15/92	TJH	TOLERANCES	SPDT TOGGLE SWITCH				55021
				C	REDRAWN	11180	DS	DECIMAL ± METRIC ±	(MOMENTARY)				

CH 188(4 78)

Confidential Property of Cole Hersee

Revision Control Record

Rev.	Description of Change	ECN No.	Date
B	PUT ON CAD	06001	012/27/05



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

- 3-place Decimal Dimensions: $\pm .05^\circ$
- 3-place Decimal Dimensions: $\pm .005^\circ$
- Angular Dimensions: $\pm 1.0^\circ$
- Metric: Refer to equivalent English Dimension Tolerance

NOTE: All tolerances are *Non-Conservative*.

Dimensional Units: All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters

REF. or AS SHOWN: Non-Toleranced Reference Dimension, shown for identification purposes only.

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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 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
Phn 617-388-2100 Web: www.colehersee.com

Description:

**SWITCH, TOGGLE . SPDT
M.ON-OFF-M.ON**

**Drawing /
Part No.:**

55021-04

Current Rev.

B

Used On: EX17289,
or Ref.: EX17846

Scale: **1:1**

Drawn By: **DPS**

Date Drawn: **5/27/82**

Responsible Engineer: **G.AUGUSTE**

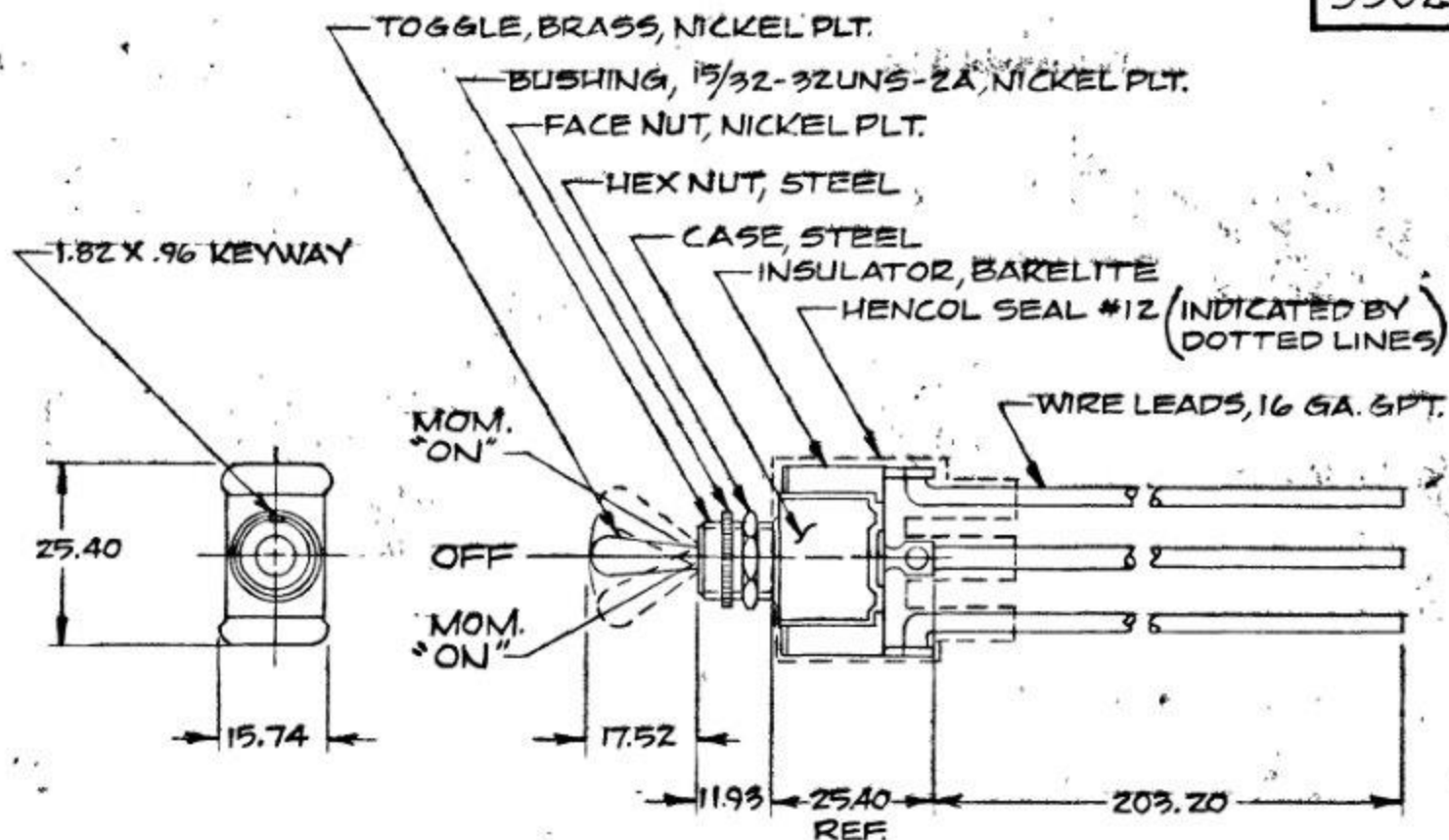
Pg. 1 of 1

MM.	IN
25	.010
96	.030
82	.072
93	.470
74	.620
92	.690
5.40	1.000
44	1.120
3.20	5.000

COLE-HERSEE CO. NPM 3-30-77

EX-17874

731-6



1. O-RING SEAL IN BUSHING
2. ALL STEEL PARTS EITHER ZINC PLT. DICHROMATE DIP OR CAD. PLT.

METRIC

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	BASIC - 06 W/S L.F.A.M., PVC COATED, FACE NUT & HEX NUT ASSEMBLED.	DATE DRAWN
								#	KG	17 4-11-77		1:1		3-17-77
								FINISH	COLE-HERSEE COMPANY				DATE BLUEPRINT	
								#	BOSTON, MASS 02127, U.S.A.					
								TOLERANCES	S.P.D.T. TOGGLE SW.				55021-07	
								FRACTIONAL ± DECIMAL ±.25						
								ISSUED	4-22-77					

SPAULDING CO., INC., 21-5353

Confidential Property of Cole Hersee

COLE-HERSEE CO.
NPM

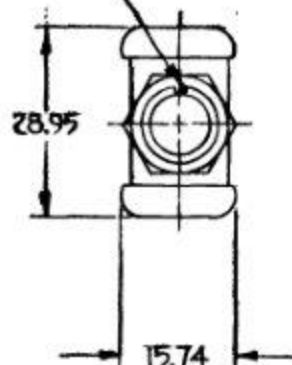
EX-18119

MIL.	IN.
0.25	.010
0.96	.038
1.52	.060
1.82	.072
1.93	.470
14.98	.590
15.74	.620
26.16	1.030
28.95	1.140
38.10	1.500

SCREW, BRASS, 6-32 UNC-2A THD. (3 REQ'D)
 TERMINAL, BRASS (3 REQ'D)
 CASE, STEEL, CAD. PLT.
 INSULATOR, BAKELITE
 HEX-NUT, STEEL, CAD. PLT.
 FACE NUT, BRASS, NICKEL PLT.
 14.98 DIA. X 1.52 THK.
 MTG. STEM, $\frac{15}{32}$ -32 UNS-2A
 BRASS, NICKEL PLT.

55021-08

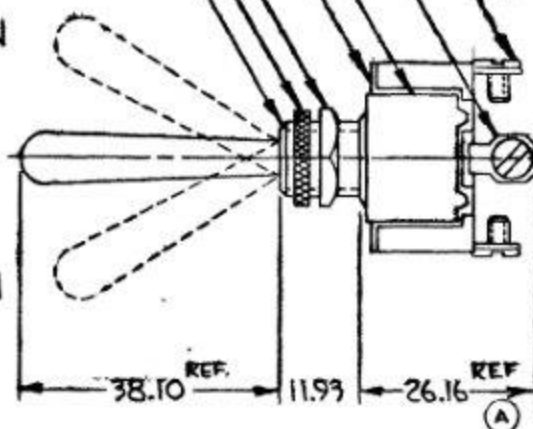
KEYWAY 0.96 DEEP
 X 1.82 WIDE



"MOM." ON

OFF

"MOM." ON



NOTE
 (A) SILVER CONTACT SURFACES

METRIC

25 AMP-14 VOLT D.C.

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROV'D	SCALE	BASIC, WITH 1/2"	DATE DRAWN
								—H—	VK	LY		1:1	LONG BAT HANDLE	3-29-78
								FINISH						
				B	ADD NOTE/25432	7/15/73	F.H.	—H—	COLE-HERSEE COMPANY					DATE BLUEPRINT
				A	ENVU TEL. 20420	12-28-75	R.P.	TOLERANCES	BOSTON, MASS. 02127, U.S.A.					
					ISSUED	4-6-78		FRACTIONAL ±	TOGGLE SWITCH					55021-08
								DECIMAL ±0.25						

SPAULDING CO., INC. 21-10961

Confidential Property of Cole Hersee

EX 12671

28.57

15.87

KEYWAY
.96 X 1.82

"ON"

"OFF"

11.93

16.51

21.33
REF.

FACE NUT 15/32-32NS-2B

HEX NUT

INSULATOR

SCREW, 6-32UNC-2A
(2 REQ'D)

BLADE TERM.
(2 REQ'D)

NOTE:
RATING: 15AMP @ 12V

METRIC

DO NOT SCALE

[illegible]

CH-188(4-78)

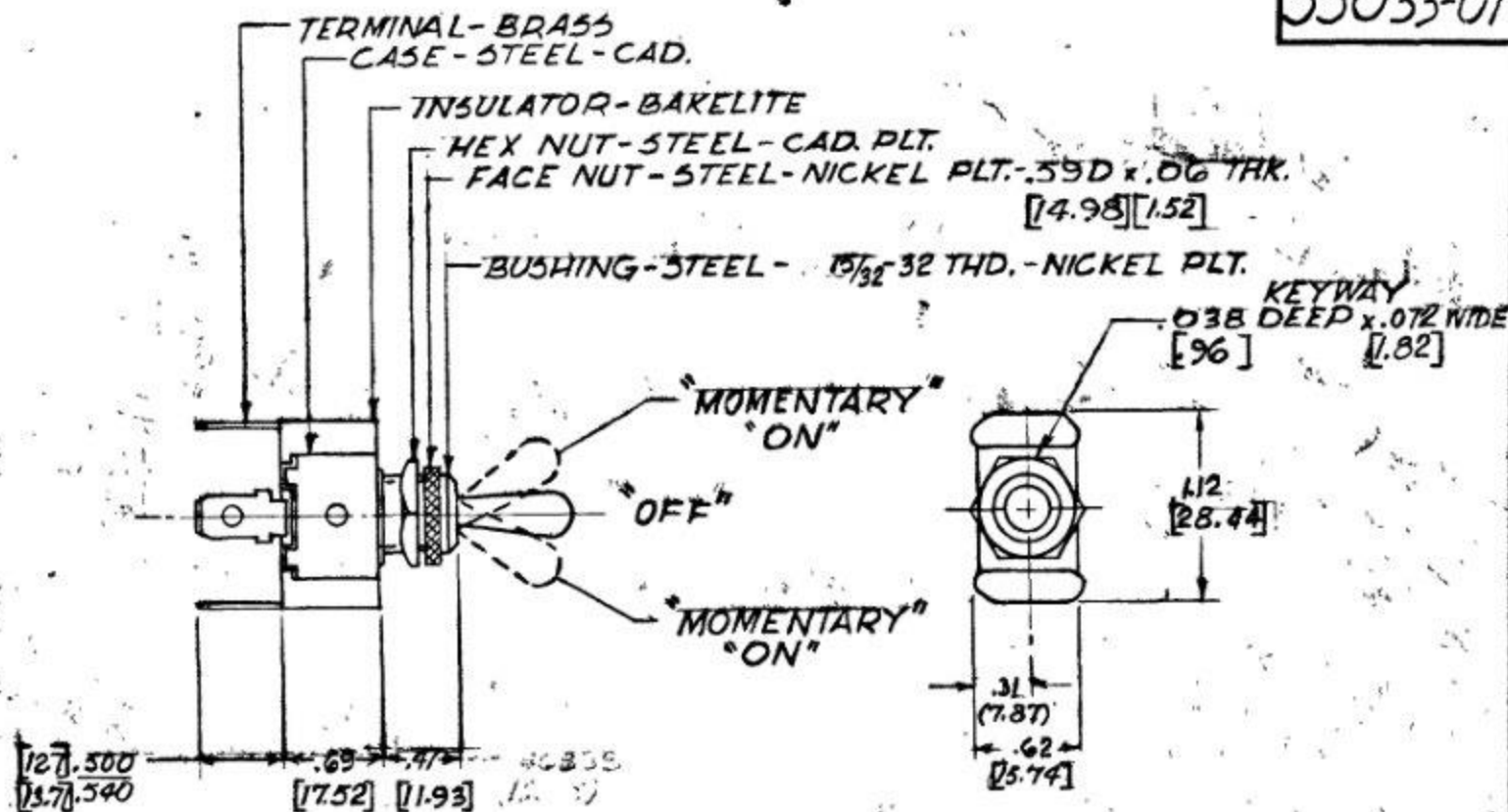
Confidential Property of Cole Hersee

Screw
35021

NPM 1-14-7

COLE-HERSEE CO.

55033-01



NOTE

① SILVER CONTACT SURFACES

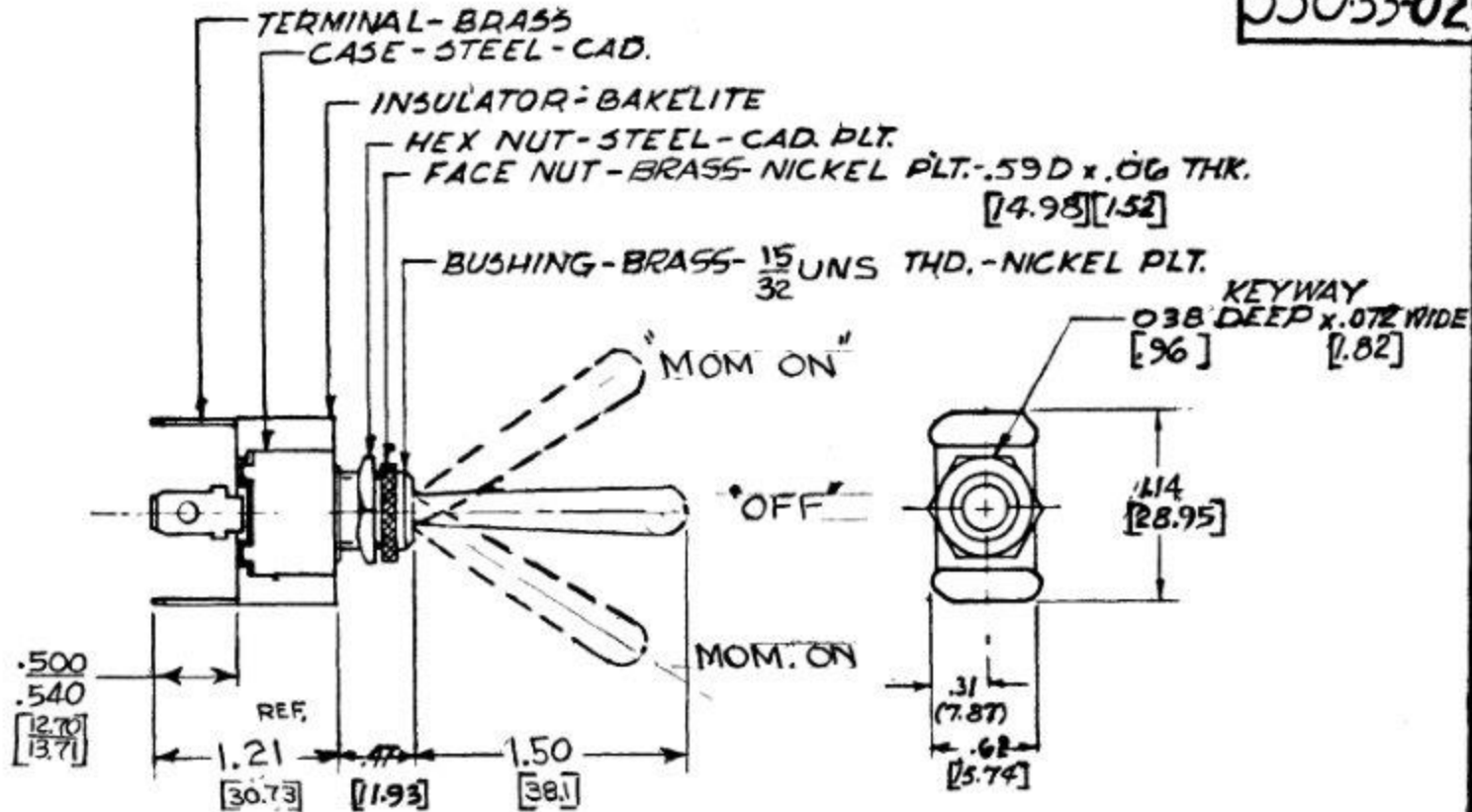
25 AMP - 14 VOLT D.C.

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROVED	SCALE	DATE DRAWN
									S.B.	9/14/74		FULL	DEC 5, 1973
								FINISH	COLE-HERSEE COMPANY				DATE BLUEPRINT
									BOSTON, MASS 02127, U.S.A.				
				A	ADD NOTE / 25A32	9/15/93	TJA	TOLERANCES	TOGGLE SWITCH				55033-01
					ISSUED	1-16-74		FRACTIONAL ±					
								DECIMAL ±					

E'X17418

550.33-02



NOTE

④ SILVER CONTACT SURFACES

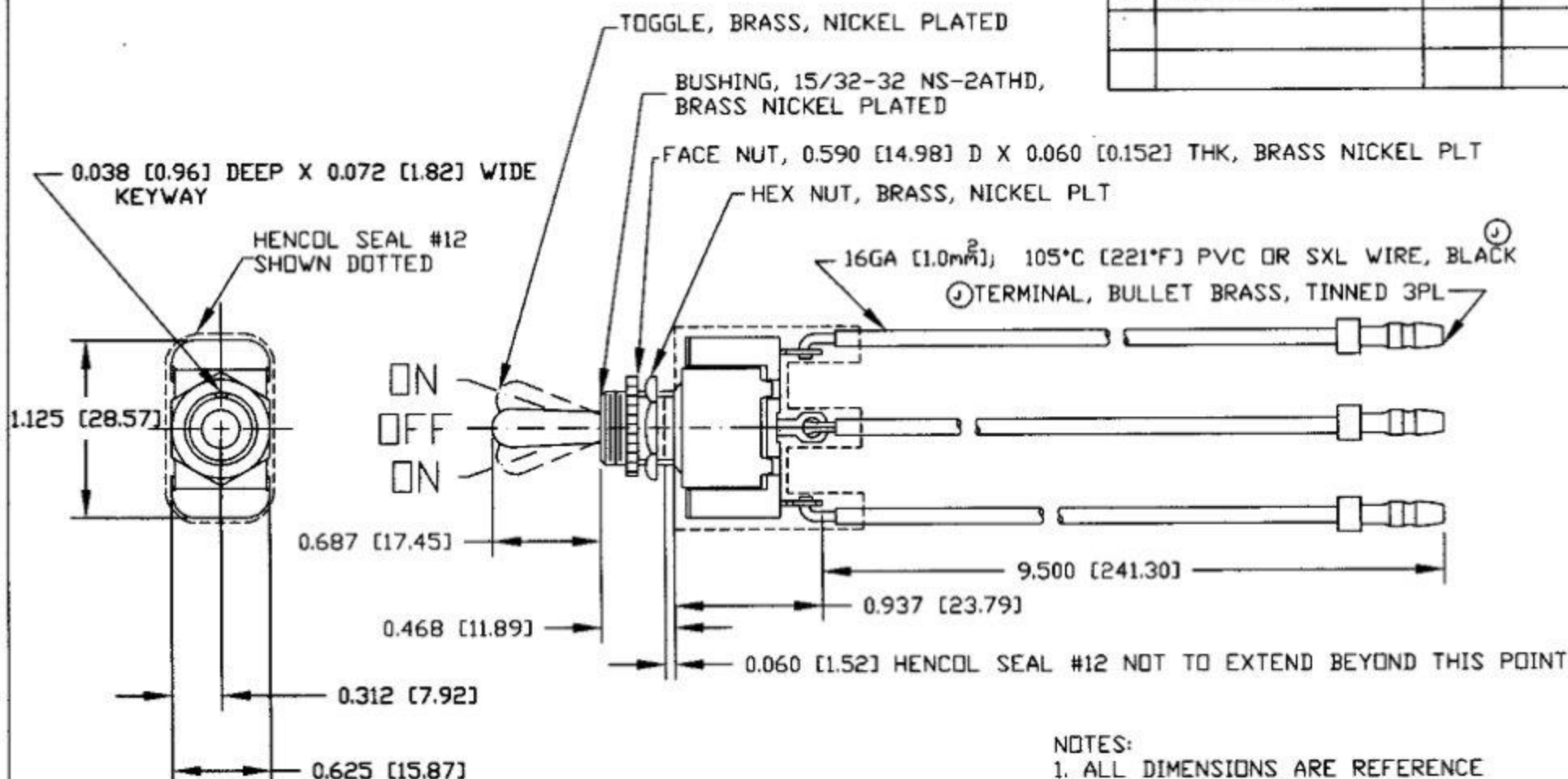
25 AMP - 14 VOLT D.C.

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	DATE DRAWN
								—H—	C.S.	11-14-75		FULL	11-10-75
								FINISH	COLE-HERSEE COMPANY				DATE BLUEPRINT
								—H—	BOSTON, MASS. 02127, U.S.A.				
				A	ADD NOTE/25932	3/15/93	TJH	TOLERANCES	TOGGLE SWITCH				55033-02
					ISSUED	11-18-75	17	FRACTIONAL ± DECIMAL ±					

Revision Control Record

Rev.	Description of Change	ECN No.	Date
J	NOTE CHANGE	04074	02/24/04



NOTES:

1. ALL DIMENSIONS ARE REFERENCE
2. CONSERVATIVE RATING, @ 12VDC/15A.
3. O-RING SEAL IN MOUNTING STEM.

Tolerances. Unless otherwise specifically noted, the following are default tolerances:
 * 3-place Decimal Dimensions: ± 0.01
 * 3-place Decimal Dimensions: ± 0.005
 * Angular Dimensions: ± 1.0 Deg.
 * Metric: 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 (xxx) are expressed in millimeters

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

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

Special 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.)



Cole Hersee Co.

20 Old Colony Ave., South Boston, MA, 02127
 Phone 617-368-2100 Web: www.colehersee.com

Description:

TOGGLE SWITCH, SPDT

Drawing/
Part No.:

55036

Current Rev.

J

Used On
or Ref.:

Scale: **1:1**

Drawn By: **ZU**

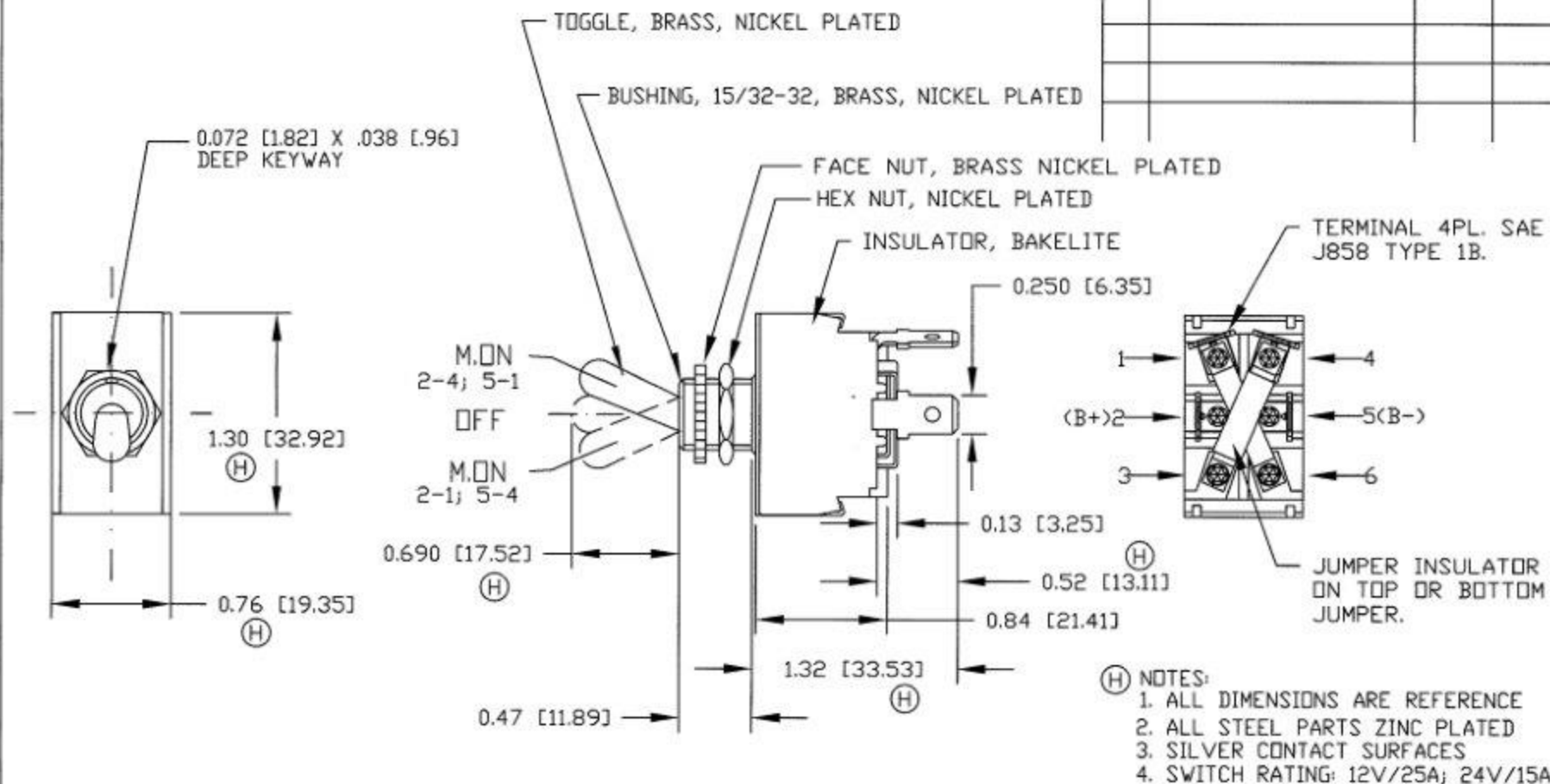
Date Drawn: **12/27/68**

Responsible Engineer: **GA**

Pg. 1 of 1

Revision Control Record

Rev.	Description of Change	ECN No.	Date
H	CONVERTED TO CAD	11131	04/21/11



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

2-places +/- 0.02" 3-places +/- 0.005" Angular +/- 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.

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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: SWITCH, TOGGLE . DPDT
M.ON-OFF-M.ON; FW-REV

Drawing / Part No.:

55046

Current Rev. H

FORM CHT-8 (2/07)

Used On or Ref.: XXXXXXXX

Scale: 1:1

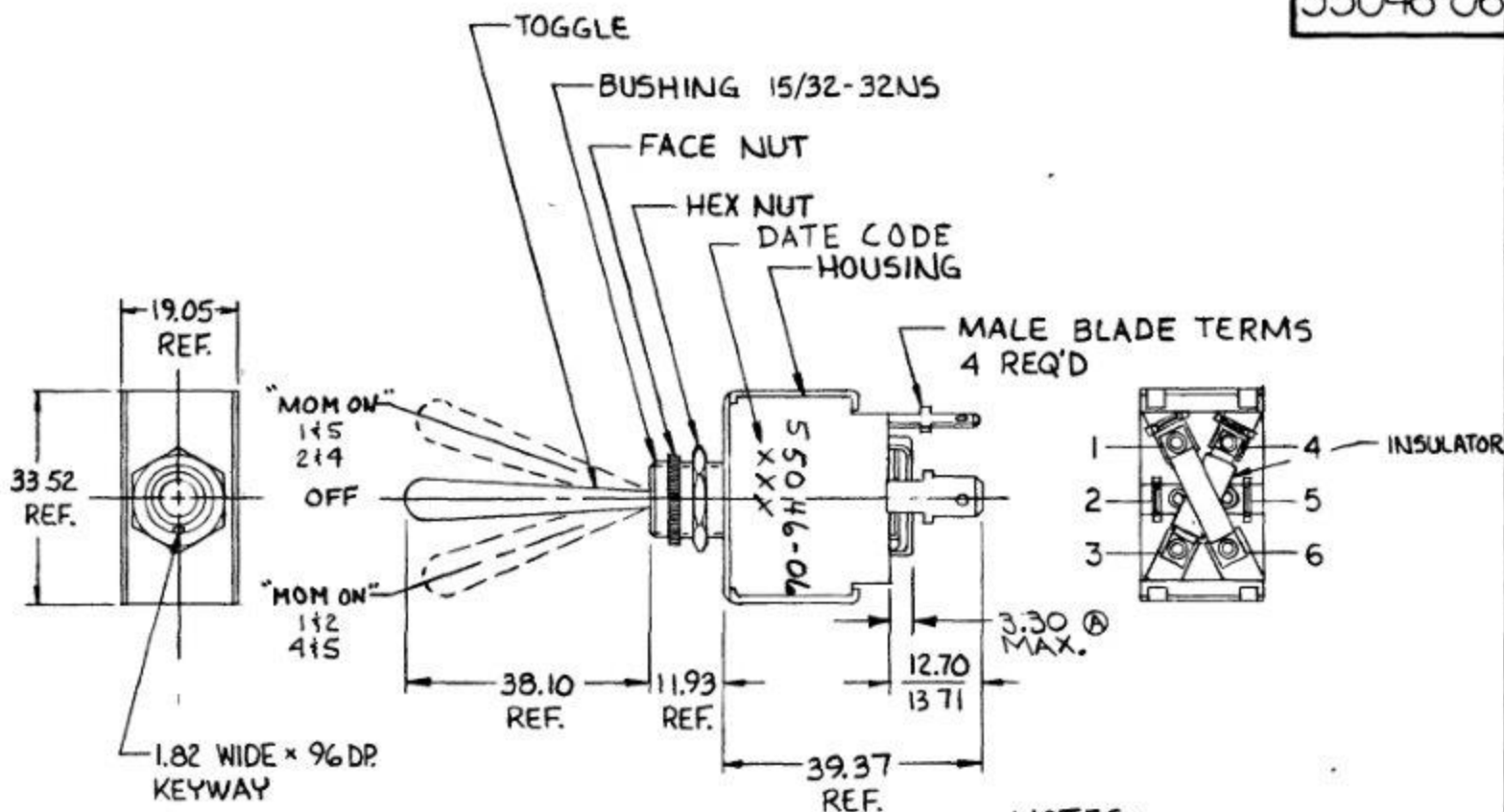
Drawn BY: EA

Date Drawn: 4/7/65

Pg. 1 of 1

MM	IN
25	010
96	038
1.82	072
11.93	.470
12.70	500
13.71	540
19.05	.750
33.52	1.320
38.10	1.500
39.37	1.550
3.30	.130

EX 22277



1. ALL STEEL PARTS PLATED.
2. 25 AMPS @ 12 V.D.C.
3. O-RING SEALED.

METRIC

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	DATE DRAWN
									WB			1:1	6-17-86
								FINISH	 Cole Hersee Co. 300 COLORADO AVENUE SOUTH BRISTOL MA 01551				DATE BLUEPRINT
													
				A	ADD 333 MAX	23407	2-8-86	TOLERANCES	REVERSING SW.				55046-06
					ISSUED	10/28/86	AF	DECIMAL $\pm$ METRIC $\pm .25$					

CH-188(4-78)

Confidential Property of Cole Hersee

COLE-HERSEE CO.

MM IN
 .96 .038
 1.82 .072
 3.18 .125
 4.76 .188
 6.35 .250
 7.92 .312
 9.52 .375
 11.18 .438
 12.70 .500
 14.29 .562
 15.87 .625
 17.48 .688
 19.05 .750
 20.62 .812
 22.23 .875
 23.81 .938
 25.40 1.000
 26.99 1.062
 28.58 1.125
 30.18 1.188
 31.77 1.250
 33.36 1.312
 34.94 1.375
 36.53 1.438
 38.12 1.500
 39.71 1.562
 41.29 1.625
 42.88 1.688
 44.47 1.750
 46.05 1.812
 47.64 1.875
 49.23 1.938
 50.82 2.000
 52.41 2.062
 53.99 2.125
 55.58 2.188
 57.17 2.250
 58.76 2.312
 60.35 2.375
 61.93 2.438
 63.52 2.500
 65.11 2.562
 66.70 2.625
 68.29 2.688
 69.88 2.750
 71.47 2.812
 73.06 2.875
 74.65 2.938
 76.24 3.000
 77.83 3.062
 79.42 3.125
 81.01 3.188
 82.60 3.250
 84.19 3.312
 85.78 3.375
 87.37 3.438
 88.96 3.500
 90.55 3.562
 92.14 3.625
 93.73 3.688
 95.32 3.750
 96.91 3.812
 98.50 3.875
 100.09 3.938
 101.68 4.000
 103.27 4.062
 104.86 4.125
 106.45 4.188
 108.04 4.250
 109.63 4.312
 111.22 4.375
 112.81 4.438
 114.40 4.500
 115.99 4.562
 117.58 4.625
 119.17 4.688
 120.76 4.750
 122.35 4.812
 123.94 4.875
 125.53 4.938
 127.12 5.000
 128.71 5.062
 130.30 5.125
 131.89 5.188
 133.48 5.250
 135.07 5.312
 136.66 5.375
 138.25 5.438
 139.84 5.500
 141.43 5.562
 143.02 5.625
 144.61 5.688
 146.20 5.750
 147.79 5.812
 149.38 5.875
 150.97 5.938
 152.56 6.000
 154.15 6.062
 155.74 6.125
 157.33 6.188
 158.92 6.250
 160.51 6.312
 162.10 6.375
 163.69 6.438
 165.28 6.500
 166.87 6.562
 168.46 6.625
 170.05 6.688
 171.64 6.750
 173.23 6.812
 174.82 6.875
 176.41 6.938
 178.00 7.000
 179.59 7.062
 181.18 7.125
 182.77 7.188
 184.36 7.250
 185.95 7.312
 187.54 7.375
 189.13 7.438
 190.72 7.500
 192.31 7.562
 193.90 7.625
 195.49 7.688
 197.08 7.750
 198.67 7.812
 200.26 7.875
 201.85 7.938
 203.44 8.000
 205.03 8.062
 206.62 8.125
 208.21 8.188
 209.80 8.250
 211.39 8.312
 212.98 8.375
 214.57 8.438
 216.16 8.500
 217.75 8.562
 219.34 8.625
 220.93 8.688
 222.52 8.750
 224.11 8.812
 225.70 8.875
 227.29 8.938
 228.88 9.000
 230.47 9.062
 232.06 9.125
 233.65 9.188
 235.24 9.250
 236.83 9.312
 238.42 9.375
 240.01 9.438
 241.60 9.500
 243.19 9.562
 244.78 9.625
 246.37 9.688
 247.96 9.750
 249.55 9.812
 251.14 9.875
 252.73 9.938
 254.32 10.000
 255.91 10.062
 257.50 10.125
 259.09 10.188
 260.68 10.250
 262.27 10.312
 263.86 10.375
 265.45 10.438
 267.04 10.500
 268.63 10.562
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 271.81 10.688
 273.40 10.750
 274.99 10.812
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 281.35 11.062
 282.94 11.125
 284.53 11.188
 286.12 11.250
 287.71 11.312
 289.30 11.375
 290.89 11.438
 292.48 11.500
 294.07 11.562
 295.66 11.625
 297.25 11.688
 298.84 11.750
 300.43 11.812
 302.02 11.875
 303.61 11.938
 305.20 12.000
 306.79 12.062
 308.38 12.125
 309.97 12.188
 311.56 12.250
 313.15 12.312
 314.74 12.375
 316.33 12.438
 317.92 12.500
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 321.10 12.625
 322.69 12.688
 324.28 12.750
 325.87 12.812
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 329.05 12.938
 330.64 13.000
 332.23 13.062
 333.82 13.125
 335.41 13.188
 337.00 13.250
 338.59 13.312
 340.18 13.375
 341.77 13.438
 343.36 13.500
 344.95 13.562
 346.54 13.625
 348.13 13.688
 349.72 13.750
 351.31 13.812
 352.90 13.875
 354.49 13.938
 356.08 14.000
 357.67 14.062
 359.26 14.125
 360.85 14.188
 362.44 14.250
 364.03 14.312
 365.62 14.375
 367.21 14.438
 368.80 14.500
 370.39 14.562
 371.98 14.625
 373.57 14.688
 375.16 14.750
 376.75 14.812
 378.34 14.875
 379.93 14.938
 381.52 15.000
 383.11 15.062
 384.70 15.125
 386.29 15.188
 387.88 15.250
 389.47 15.312
 391.06 15.375
 392.65 15.438
 394.24 15.500
 395.83 15.562
 397.42 15.625
 399.01 15.688
 400.60 15.750
 402.19 15.812
 403.78 15.875
 405.37 15.938
 406.96 16.000
 408.55 16.062
 410.14 16.125
 411.73 16.188
 413.32 16.250
 414.91 16.312
 416.50 16.375
 418.09 16.438
 419.68 16.500
 421.27 16.562
 422.86 16.625
 424.45 16.688
 426.04 16.750
 427.63 16.812
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 430.81 16.938
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 475.33 18.688
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 562.78 22.125
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 573.91 22.562
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 577.09 22.688
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 616.84 24.250
 618.43 24.312
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 623.20 24.500
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 627.97 24.688
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 631.15 24.812
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 783.79 30.812
 785.38 30.875
 786.97 30.938
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 791.74 31.125
 793.33 31.188
 794.92 31.250
 796.51 31.312
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 799.69 31.438
 801.28 31.500
 802.87 31.562
 804.46 31.625
 806.05 31.688
 807.64 31.750
 809.23 31.812
 810.82 31.875
 812.41 31.938
 814.00 32.000
 815.59 32.062
 817.18 32.125
 818.77 32.188
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 825.13 32.438
 826.72 32.500
 828.31 32.562
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 833.08 32.750
 834.67 32.812
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 841.03 33.062
 842.62 33.125
 844.21 33.188
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 847.39 33.312
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 926.89 36.438
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 930.07 36.562
 931.66 36.625
 933.25 36.688
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 936.43 36.812
 938.02 36.875
 939.61 36.938
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 942.79 37.062
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 945.97 37.188
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 950.74 37.375
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 953.92 37.500
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 958.69 37.688
 960.28 37.750
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 963.46 37.875
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 966.64 38.000
 968.23 38.062
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 971.41 38.188
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 990.49 38.938
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 993.67 39.062
 995.26 39.125
 996.85 39.188
 998.44 39.250
 1000.03 39.312
 1001.62 39.375
 1003.21 39.438
 1004.80 39.500
 1006.39 39.562
 1007.98 39.625
 1009.57 39.688
 1011.16 39.750
 1012.75 39.812
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 1015.93 39.938
 1017.52 40.000
 1019.11 40.062
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 1027.06 40.375
 1028.65 40.438
 1030.24 40.500
 1031.83 40.562
 1033.42 40.625
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 1046.14 41.125
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 1066.81 41.938
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 1069.99 42.062
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 1076.35 42.312
 1077.94 42.375
 1079.53 42.438
 1081.12 42.500
 1082.71 42.562
 1084.30 42.625
 1085.89 42.688
 1087.48 42.750
 1089.07 42.812
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 1093.84 43.000
 1095.43 43.062
 1097.02 43.125
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 1101.79 43.312
 1103.38 43.375

55052-01

TOGGLE-BRASS NICKEL PLT.

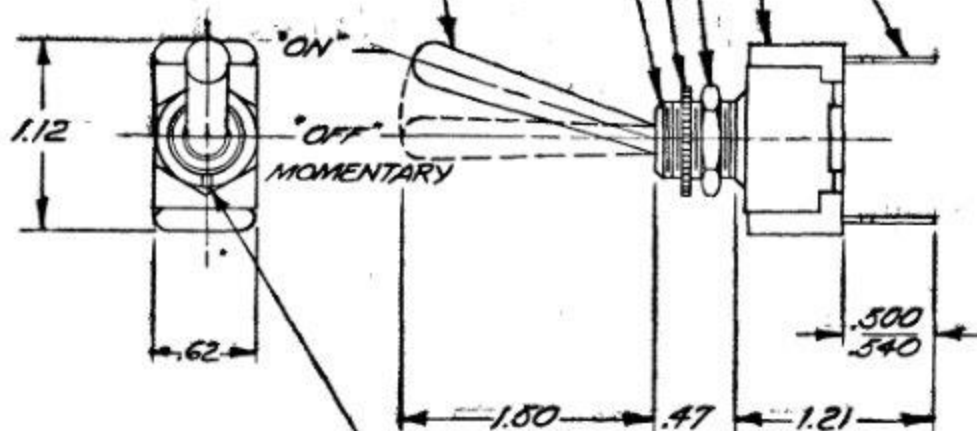
BUSHING-BRASS NICKEL PLT $\frac{15}{32}$ -32 THD

FACE NUT-BRASS NICKEL PLT .59D X .06 THK.

HEX NUT-STEEL-CAD PLT

INSULATOR-MOLDED BLITE

2 MALE BLADE TERMINALS-BRASS
SAE J858 TYPE 1B-.25 WIDE



.072 X .038 DEEP KEYWAY

(25A-12V)

NOTES:
1 SINGLE POLE MOMENTARY
2 SILVER CONTACT SURFACES

DO NOT SCALE

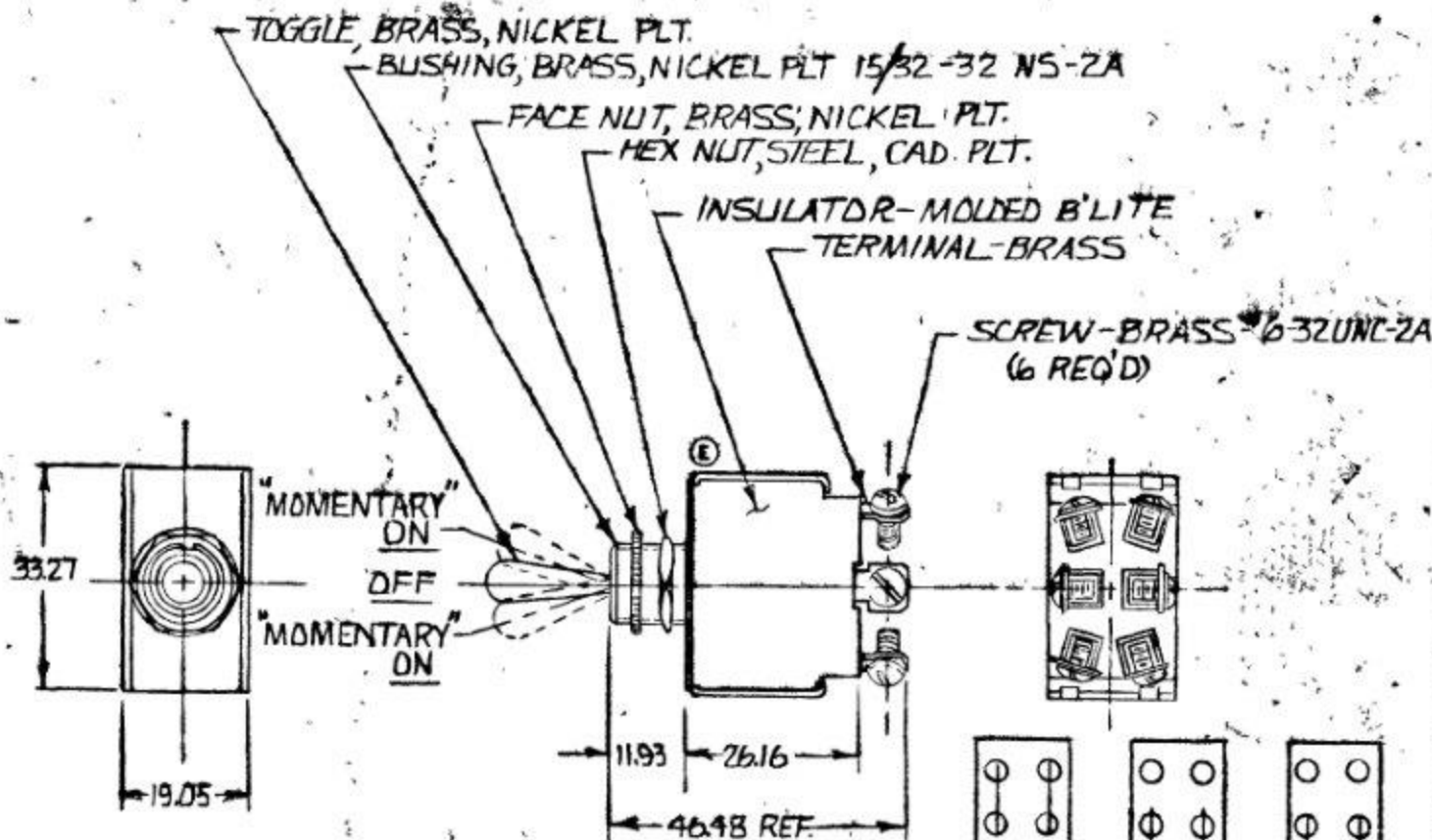
LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROV'D	SCALE	55052-01 WITH LONGER TOGGLE. (E)	DATE DRAWN
								NOTED	ECW			FULL		9-15-67
								FINISH						DATE BLUEPRINT
				F	ADD NOTE/25422	9/15/93	TJH	NOTED						
				E	ADDED 18033	3-16-75	LY	TOLERANCES						
				D	RE-DRAWN NO CHANGE	12-7-72	JB	FRACTIONAL $\pm$ DECIMAL $\pm .01$						
													TOGGLE SWITCH	55052-01

0.25 .010
0.50 .015
1.52 .060
1.93 .470
14.98 .530
19.05 .750
26.16 1.030
33.27 1.510
46.48 1.830

BLADE

COLE-HERSEE CO.

55054



NOTE:
75 AMP @ 12 VDC (E) SILVER CONTACT SURFACES

METRIC

MOM. ON OFF MOM. ON

CIRCUIT DIAGRAM

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	DATE DRAWN
									HF	7		1-1	2-24-67
								FINISH					DATE BLUEPRINT
				F	ADD NOTE/25432	9/15/93	TJH		COLE-HERSEE COMPANY				
				E	VIEW/23007	3/4/86	WV		BOSTON, MASS. 02127, U.S.A.				
				D	ADD METRIC	7/11/10	WV	TOLERANCES FRACTIONAL ± DECIMAL ±0.25	"MOMENTARY" D.P.D.T. TOGGLE SWITCH				55054

WPAULDING CO., INC. 21-5353

Confidential Property of Cole Hersee

COLE-HERSEE CO. 4-26-77
NPM

55054-04

BUSHING-BRASS NICKEL PLT.
1/32- 32 UN5-2A

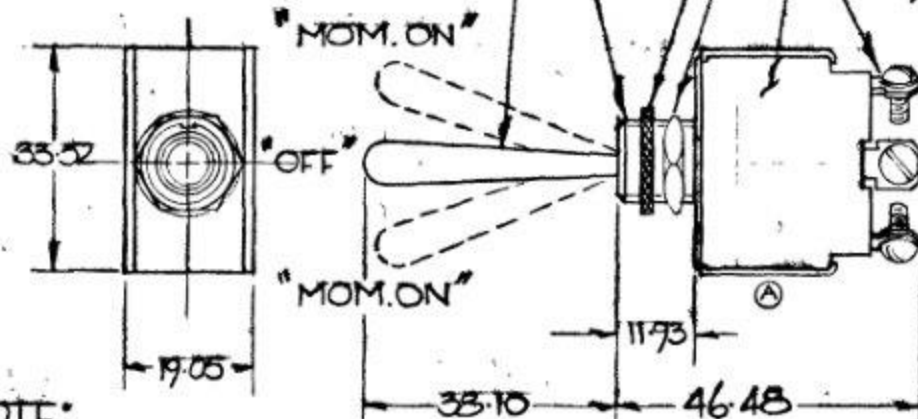
TOGGLE-BRASS
NICKEL PLATE

FACE NUT-BRASS-NICKEL PLT.

HEX NUT-STEEL

INSULATOR - MOLDED B'LITE

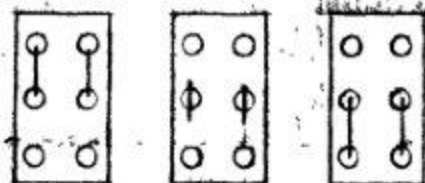
TERMINAL-BRASS &
SCREW-BRASS, 6-32 UNC-2A
X 6.35 LG.



NOTE:

ALL STEEL PARTS EITHER
ZINC PLT W/ DICHROMATE DIP OR
CAD. PLT.

25 AMP @ 12 VDC



MOM. ON OFF MOM. ON
CIRCUIT DIAGRAM:

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	BASIC WITH LONG TOGGLE & 1/4 SCREWS	DATE DRAWN
														2-23-77
								FINISH						DATE BLUEPRINT
				A	HL JISE VIEW /23007	3/14/86	AK	TOLERANCES FRACTIONAL ± DECIMAL ±.25						
					ISSUED	5/3/11	17							55054-04

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

MOMENTARY D.P.D.T.
TOGGLE SWITCH.

18.63	.34
13.20	.52
33.10	1.50
39.87	1.57
28.94	1.12
15.74	.62

TOGGLE, BRASS, NICKEL PLT

FACE NUT, BRASS, NICKEL PLT.

BUSHING, BRASS, NICKEL PLT. $\frac{15}{32}$ -32 NS-2A

HEX NUT, STL., CAD. PLT.

INSULATOR, MOLDED B'LITE

CASE, STL, CAD PLT.

MALE QUICK CONNECT BLADE
TERM. BRASS, SILVER PTL.

SAE-J858 TYPE 1B, 6.35 WIDE

.96 X 1.82 KEYWAY

"OFF"

"ON"

15.74

38.10

8.63

12.70

39.87

28.44

NOTE

⑦ SILVER CONTACT SURFACES

25 AMP., 12 VOLTS D.C.

EXTRA HEAVY DUTY

METRIC

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROVED	SCALE	DATE DRAWN
									NB	 3-4-80		1:1	5-15-67
								FINISH 	 Cole Hersee Co NO. 25 D. 1500T 202 114 115 2.2				DATE BLUEPRINT
				F	ADD NOTE/25432	8/19/93	T.N	TOLERANCES	S.P.-S.T. TOGGLE SW.				55055
				E	REDRAWN	1-8-80	R6	DECIMAL ± METRIC ±					

CH 188(4 78)

Confidential Property of Cole Hersee

N.P.M. 7-30-74.

EX. 16942A

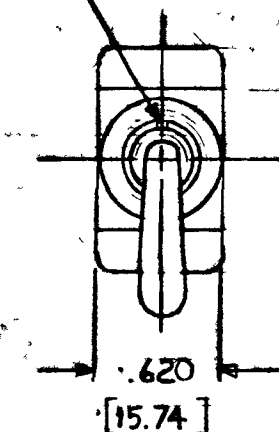
BLUE BIRD BODY CO. 170-0739902

55055-01

NOTE:

(E) SILVER CONTACT SURFACES

038x.072 KEYWAY
[0.95] [1.82]



OFF

ON

$$\begin{array}{r} 1.485 \\ 1.515 \\ \hline 37.71 \\ \hline 38.48 \end{array}$$

- TOGGLE, BRASS, NICKEL PLT. : 240 D x 185 D.

-FACE NUT, BRASS, NICKEL PLT. .59 D x .06 THK.

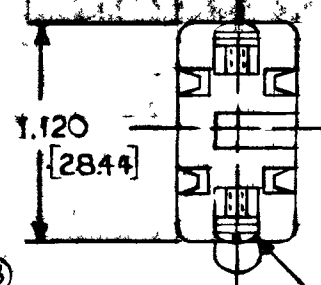
- BUSHING, BRASS, NICKEL PLT. $\frac{15}{32}$ - 32 THD.

-HEX. NUT-STEEL-CAD PLT.

-INSULATOR, MOLDED 'B' LITE

CASE, STEEL, CAD. PLT.

- TERM, BRASS



SCREW, 6-32UNC-2A THD, BRASS
(2 REQ'D)

25 AMPS-12 VOLTS D.C.
EXTRA HEAVY DUTY

DIMENSIONS IN INCHES [MILLIMETERS]

DO NOT SCALE

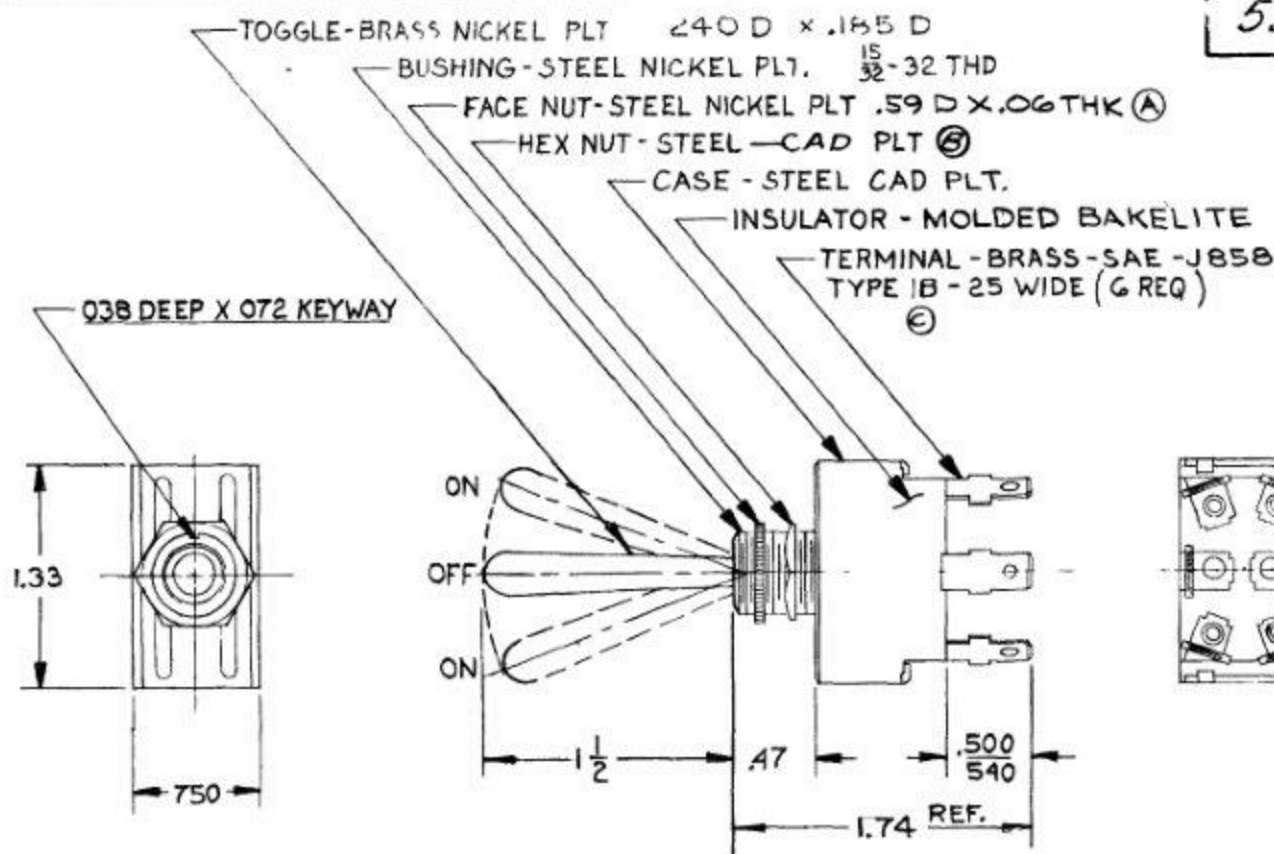
LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL NOTED	DRAWN 	CHECKED R.M. 7-25-74	APPR'D	SCALE 1:1	BASIC EXCEPT W/SCREW TAPERS	DATE DRAWN 7-24-74	
				D	ECN 25002	12-11-91	AF	FINISH 							
				C	REV/21349	3-23-81	KG								
				B	REV/20054	1-3-78	JAV								
				A	LWASH DELETED/19393	4-9-76	LY	TOLERANCES FRACTIONAL ± DECIMAL ±.010							
E	ADD NOTE/25432	9/16/93	JH		ISSUED	8-1-94	LY						SP - ST. TOGGLE SW.	55055-01	

SPAULDING CO , INC 21-54771

Confidential Property of Cole Hersee

COLE-HERSEE CO.

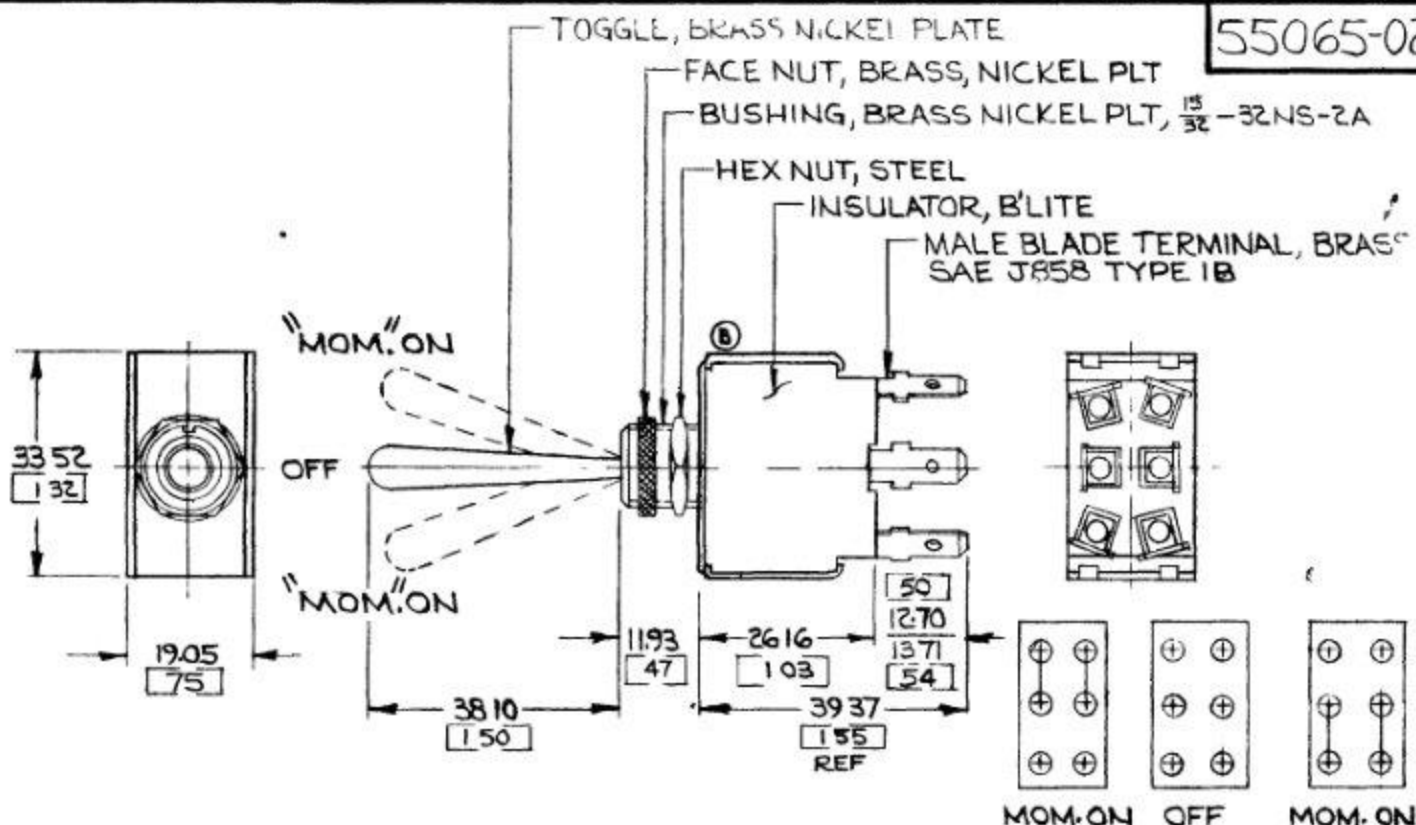
55017



DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROV'D	SCALE	USED ON	DATE DRAWN
								NOTED	NB.	JM		1X		5-15-67
				C	1A 16541	3-25-69	JH	FINISH						DATE ISSUED
				B	NICK PLATE 16294	11-21-68	NB							
				A	ADDED DIM 16093	5-29-68	NB	TOLERANCES	NAME					PART NO
					ISSUED	5 18 61	7	FRACTIONAL $\pm .015$ DECIMAL $\pm .010$	L.P.D.T "ON-OFF-ON"					55057
									TOGGLE SWITCH					

55065-02



CIRCUIT DIAGRAM

NOTES.

- 1 ALL STEEL PARTS EITHER ZINC PLT, DICHROMATE DIP OR CAD PLT
- 2 SILVER CONTACT SURFACES

25 AMP @ 12 V.D.C

DIMENSIONS · MILLIMETERS INCHES

DO NOT SCALE

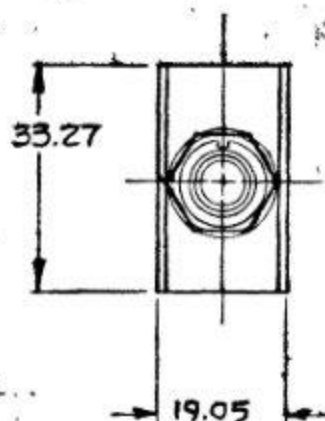
LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROV D	SCALE	DATE DRAWN
								—H—	TE	TY		1:1	2-21-74
				C	ADD NOTE/25402	7/15/93	TJH	FINISH					
				B	REVISE VIEW/23007	3/14/86	YAK	—H—					
					ISSUE D	12/10/75	TY	TOLERANCES					
				A	REDRAWN	2-8-75	KG	FRACTIONAL ±					
								DECIMAL ± .01					
COLE-HERSEE COMPANY BOSTON, MASS 02127, U.S.A.													DATE BLUEPRINT
MOMENTARY DPDT TOGGLE SWITCH													55065-02

COLE-HERSEE CO.

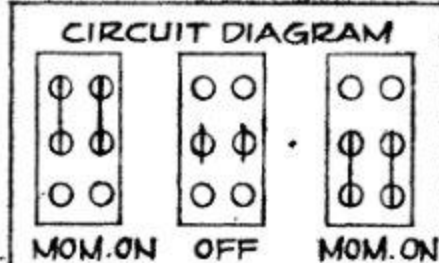
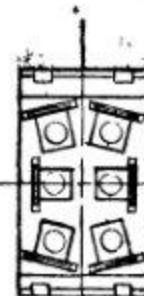
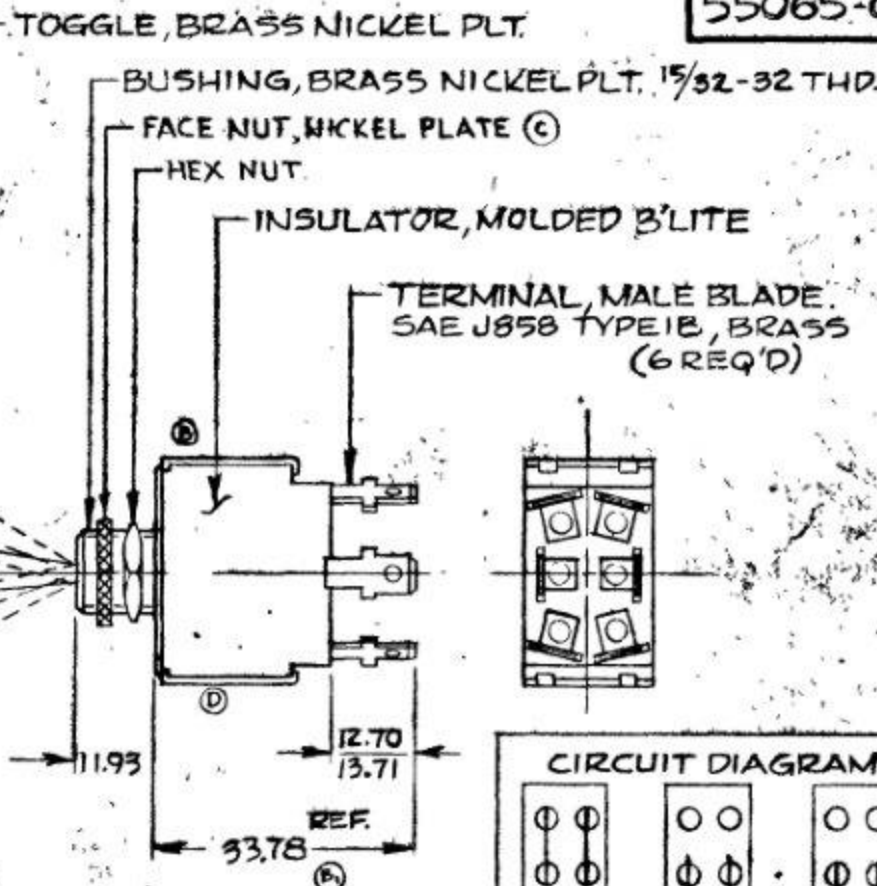
EX 12621

VOLTS	RESISTIVE	INDUCTIVE
12 VDC	25 AMPS	15 AMPS
24 VDC	15 AMPS	8 AMPS

55065-03



MOM.
ON
OFF
MOM.
ON



- NOTES:
- 1) NO. POLES-2
 - 2) NO. THROWS-2
 - 3) TYPE SEALING-NONE
 - 4) ALL STEEL PARTS PLATED
 - 5) SILVER CONTACT SURFACES

METRIC

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPROVED	SCALE	BASIC, WITH SHORT TOGGLE.	DATE DRAWN
				C	ADD FACE NUT	2-24-76	RJF	—H—	RJF	1-7-76		1:1		8-27-76
				B ₁	WAS 3937R11			FINISH						DATE BLUEPRINT
				B	CHANGE CASE / 22791	6-1-76	W	—H—						
E	ADD NUTS / 25432	8/15/73	W		ISBULL	9-8-76	W	TOLERANCES						
D	REVISE VIEW / 23007	3/14/80	W	A	REDRAWN NO CHANGE	9-1-76	W	FRACTIONAL ±						
								DECIMAL ±.25						

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

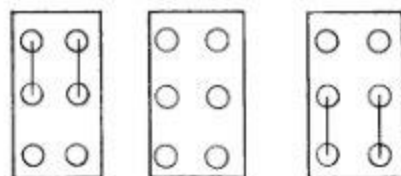
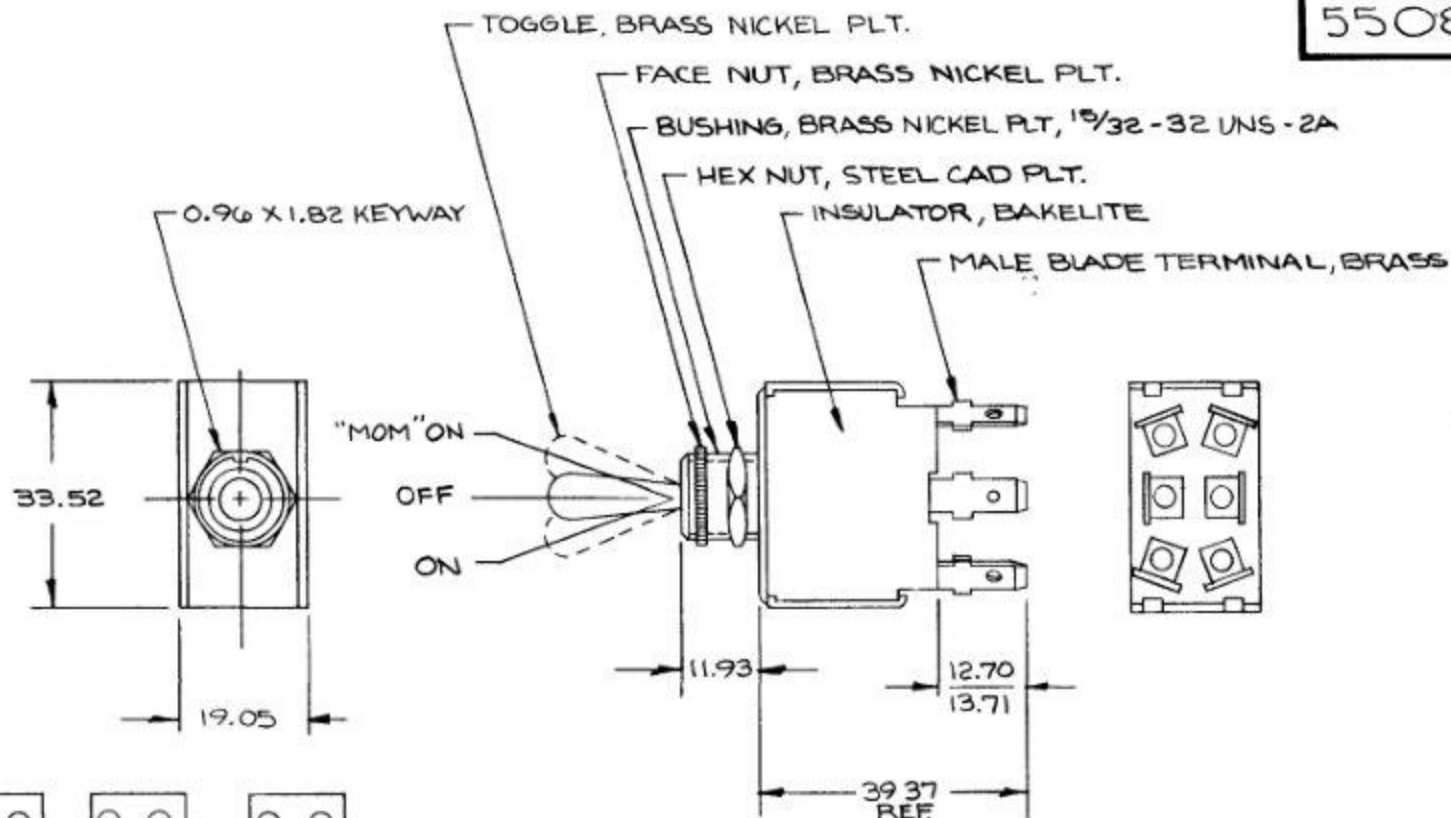
MOMENTARY D.P.D.T.
TOGGLE SWITCH

55065-03

DO NOT SCALE

"MOM" ON OFF ON
CIRCUIT DIAGRAM

25 AMP @ 12VDC METRIC



"MOM" ON OFF ON
CIRCUIT DIAGRAM

25 AMP @ 12VDC METRIC

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	DATE DRAWN
									EA			1:1	3-28-78
								FINISH 	 Cole Hersee Co. 2100 CONVENT AVENUE, BOSTON, MASS. 02117				DATE BLUEPRINT
								TOLERANCES DECIMAL $\pm$ METRIC $\pm .25$	MOMENTARY D.P.D.T. TOGGLE SWITCH				55081
				B	REDRAWN	8/15/88	UK						

CH-188(4-78)

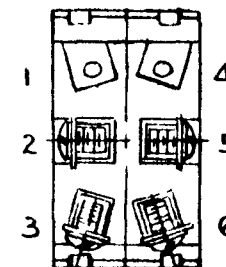
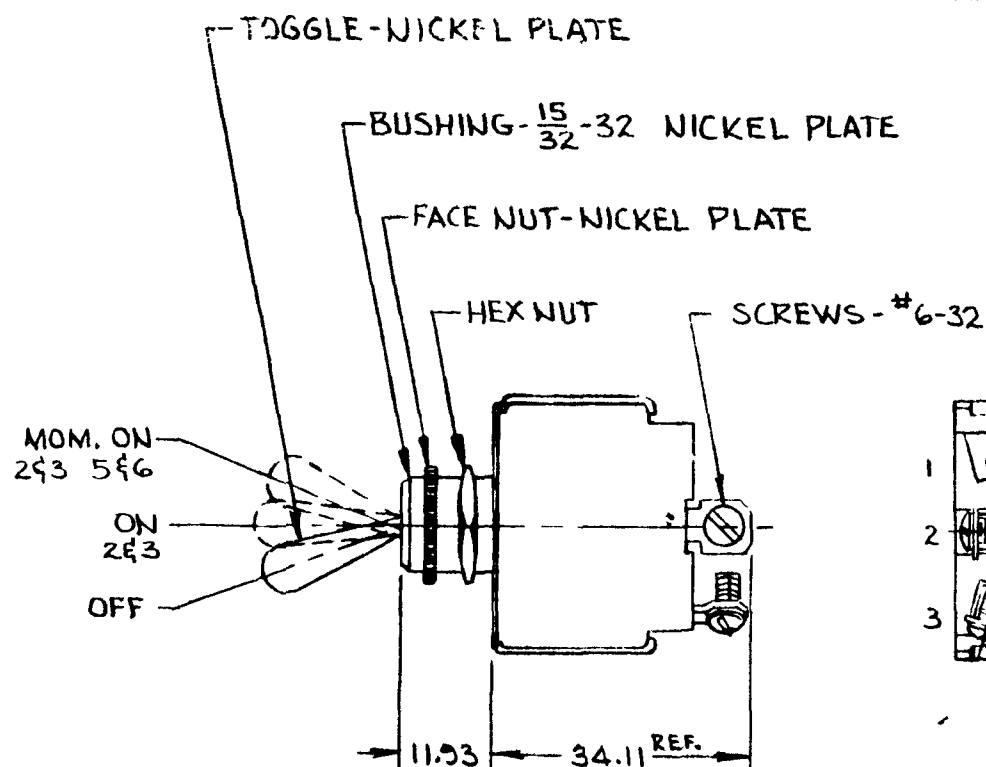
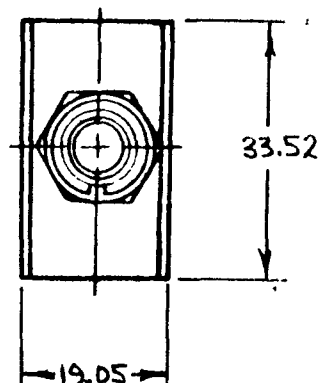
Confidential Property of Cole Hersee

28.57 1.125

EX-18424

Confidential Property of Cole Hersee

EX 23668



1. SILVER CONTACTS
2. 25 AMPS @ 12V DC LAMP LOAD
3. ALL STEEL PARTS PLATED

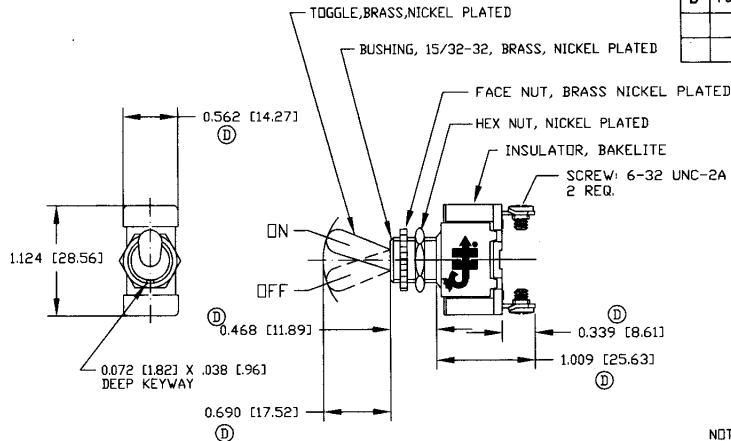
METRIC

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	DATE DRAWN
									RJF	AF		1/2=1	11-9-89
								FINISH 	 Cole Horse Co. IN OLD COLONY AVENUE SOUTH BOSTON MA. U.S.A. 02107				DATE BLUEPRINT
								TOLERANCES	SWITCH, TOGGLE, 3 POS.				55094
								DECIMAL $\pm$ METRIC $\pm$					
					ISSUED	1-24-90	AF						

Revision Control Record

Rev.	Description of Change	ECN No.	Date
D	PUT ON CAD	D5039	01/04/05



NOTES:

1. HEAVY DUTY SILVER CONTACTS
2. NEOPRENE O-RING IN BUSHING
- (D) 3. ALL STEEL PARTS ZINC PLATED
- (D) 4. SWITCH RATING: 12V/25A; 24V/15A

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. <<<

Dimensional Units: All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters

"REF." or "AS SHOWN" is a Non-Toleranced Reference Dimension, shown for clarification purposes only.

Used On
or Ref:

Scale: **1:1**

Drawn By: **E.A**

Date Drawn: **2/27/67**

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

Special Characteristics:



Critical Characteristic relating to Safety and/or Regulatory Compliance



Significant Characteristic relating to Process Control (BPC)



Key Characteristic relating to Form - PK - 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
 Phone 617-268-2100 Web: www.colehersee.com

Description:

SWITCH, TOGGLE . SPST

Drawing /
Part No.:

5520

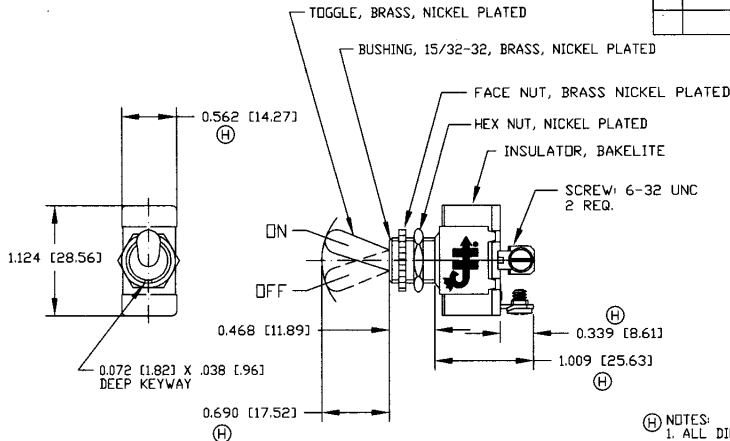
Current Rev.

D

Responsible Engineer: **G.AUGUSTE** Pg. 1 of 1

Revision Control Record

Rev.	Description of Change	ECN No.	Date
H	PUT ON CAD	05083	01/04/05



- (H) NOTES:
1. ALL DIMENSIONS ARE REFERENCE
 2. ALL STEEL PARTS ARE ZINC PLATED
 3. SILVER CONTACT SURFACES.
 4. SWITCH RATING: 25A/12V; 15A/24V

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. <<<

Dimensional Units: All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters

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

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

Special 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.)



Cole Hersee Co.

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

Description:

**SWITCH, TOGGLE . SPST
OFF-ON**

Drawing /
Part No.:

5582

Current Rev.

H

Used On
or Ref:

Scale: **1:1**

Drawn By: **LMC**

Date Drawn: **3/10/05**

Responsible Engineer: **G.AUGUSTE**

Pg. 1 of 1

Revision Control Record

Rev.	Description of Change	ECN No.	Date
H	NOTE CHANGE	09002	01/14/08

SCREW, 6-32UNC-2A THD, BRASS (3 REQ'D)

INSULATOR, BAKELITE

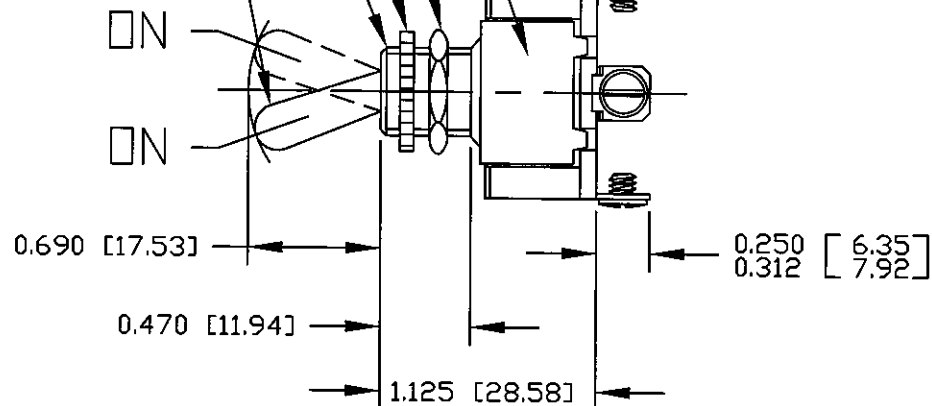
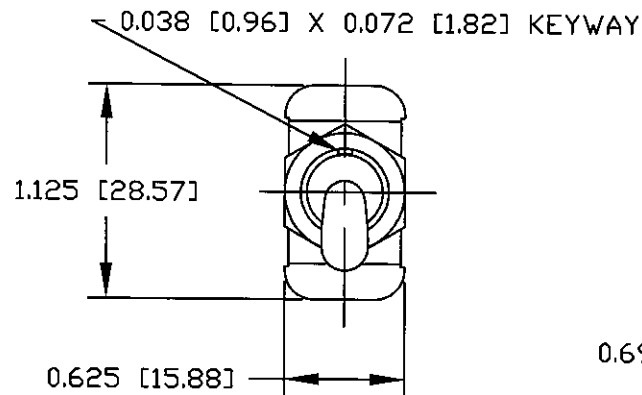
CASE, STEEL

HEX NUT, STEEL

FACE NUT, BRASS, NICKEL PLT.

(H) BUSHING, 15/32-32 UNS-2A THD, BRASS, NICKEL PLT.

TOGGLE, BRASS, NICKEL PLT



(H) NOTES:

1. ALL STEEL PARTS PLATED
2. SILVER CONTACT SURFACES
3. ALL DIMENSIONS REFERENCE ONLY EXCEPT OTHERWISE NOTED
4. 25AMP @ 12VDC

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

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

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

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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:

SPDT TOGGLE SW

Drawing /
Part No.:

5584

Current Rev.

H

FORM CHT-6 (2/07)

Used On
or Ref.:

Scale: 1:1

Drawn
BY: RJS

Date
Drawn: 08/13/54

Pg. 1 of 1

5584-11

EX20268



- # METRIC

25 AMPS @ 12 VDC

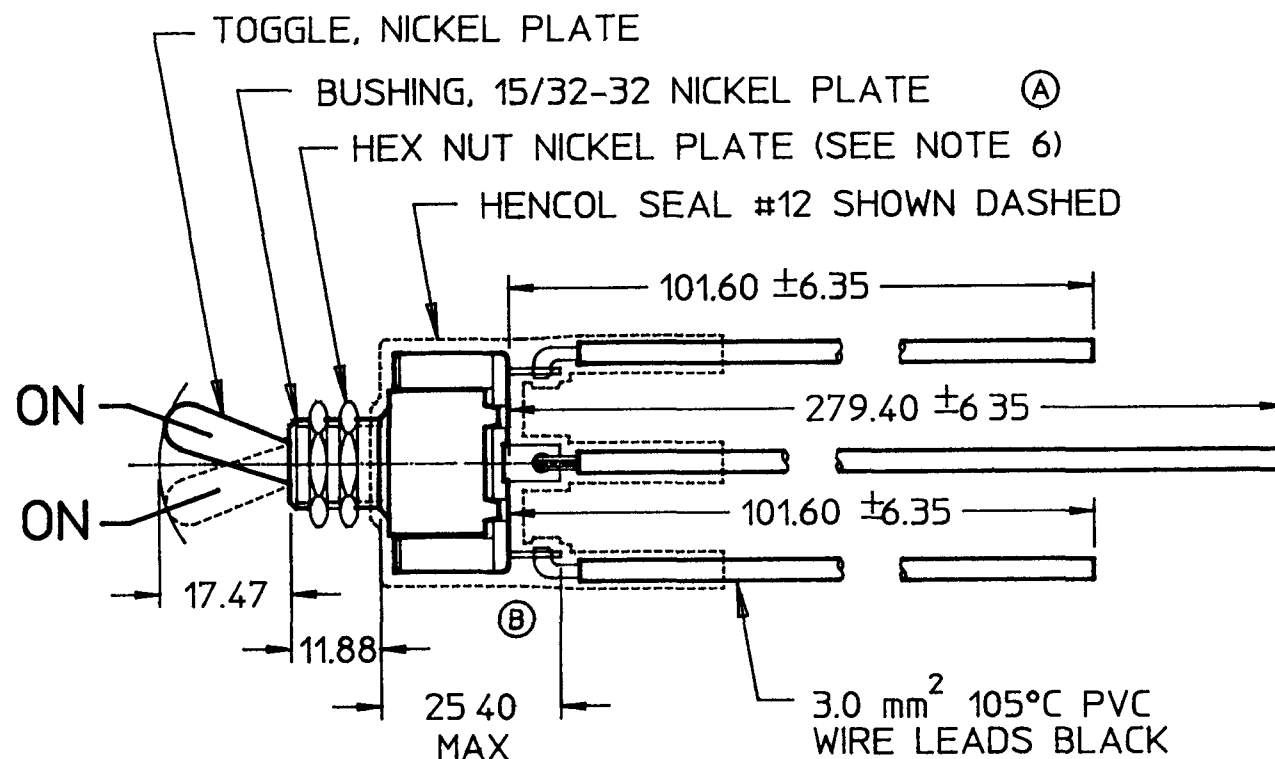
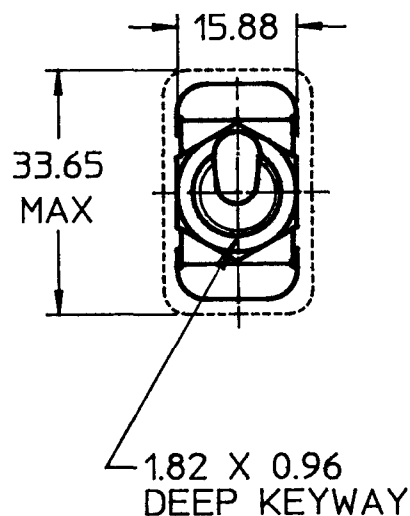
DO NOT SCALE

LET.	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN P.S.	CHECKED RFB	APPR'D.	SCALE 1"=1'	DATE DRAWN 6-17-83
								FINISH	 Cole Hersee Co. 26 OLD COLONY AVENUE, SOUTH BOSTON, MA. U.S.A. 02127				DATE BLUEPRINT
								TOLERANCES	S.P.D.T. TOGGLE SW				5584-11
							ISSUED 6/17/83 RFB	DECIMAL $\pm$ METRIC $\pm$					

CH-188(4-78)

5584-15

MM	IN
0.25	0.010
0.96	0.032
1.82	0.072
6.35	0.250
11.88	0.468
15.88	0.625
17.47	0.688
25.40	1.000
33.65	1.325
101.60	4.000
279.40	11.000
3.0 mm ²	12 GA



NOTES:

1. SILVER CONTACTS
2. 25 AMPS @ 12VDC LAMP LOAD
35 AMPS @ 12VDC INDUCTIVE LOAD
3. O-RING SEAL IN BUSHING
4. ALL STEEL PARTS PLATED
5. ALL DIMENSIONS REFERENCE

- (A) 6. 1 HEX NUT ASSEMBLED
1 HEX NUT SHIPPED LOOSE

METRIC

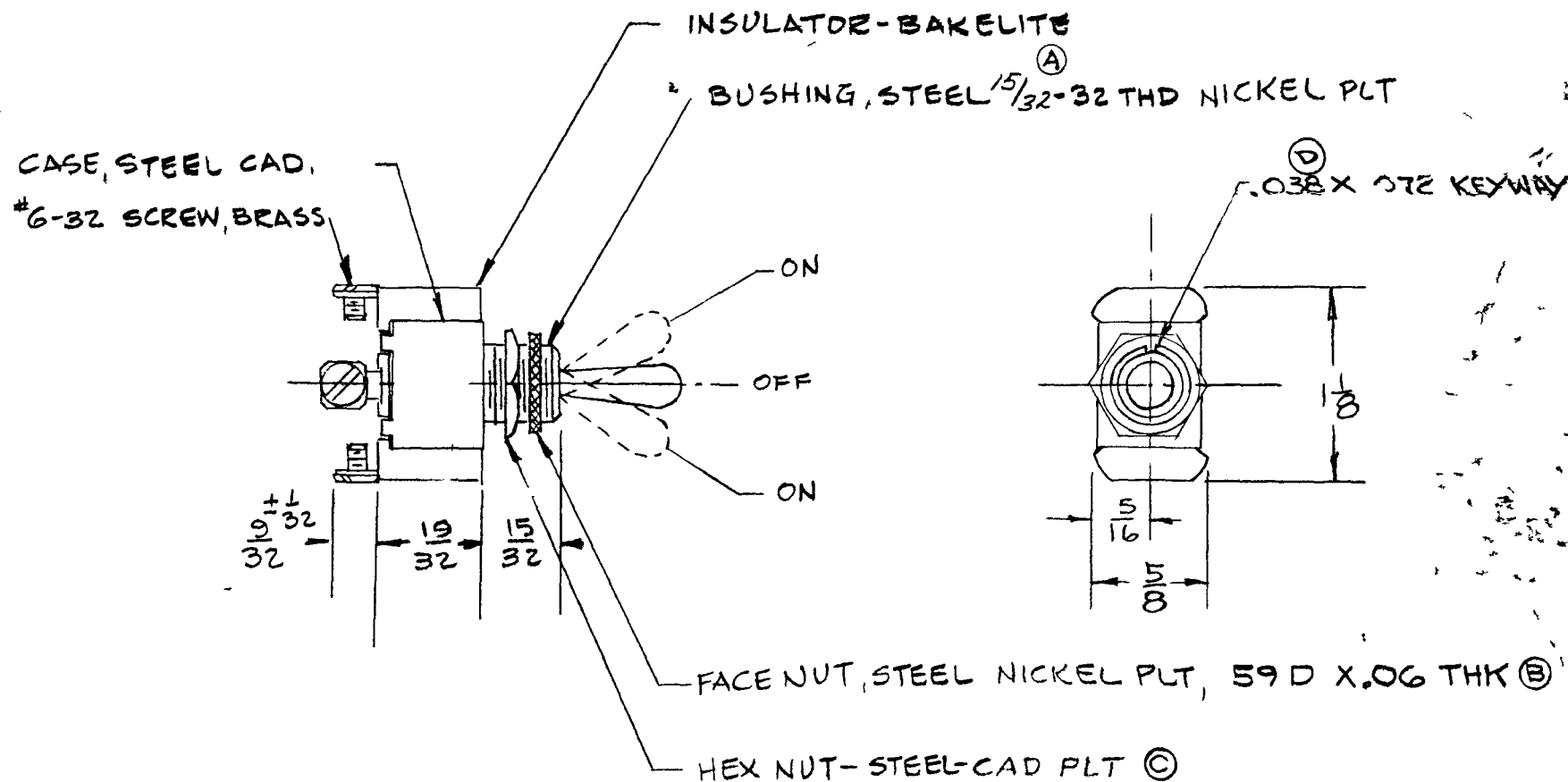
DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHK	APVD	SCALE	EX25260	DATE DRAWN
									BL			1:1		4/13/93
								FINISH						DATE BLUEPRINTED
				B	ECN #25389	6/15/93	MJT							
				A	ECN 25385	6/9/93	BL	TOLERANCES						
					ISSUED	4/22/93	AF	METRIC ± 0.25 ANGLE ±						
SWITCH, TOGGLE SPDT														5584-15



Cole Hersee Co.

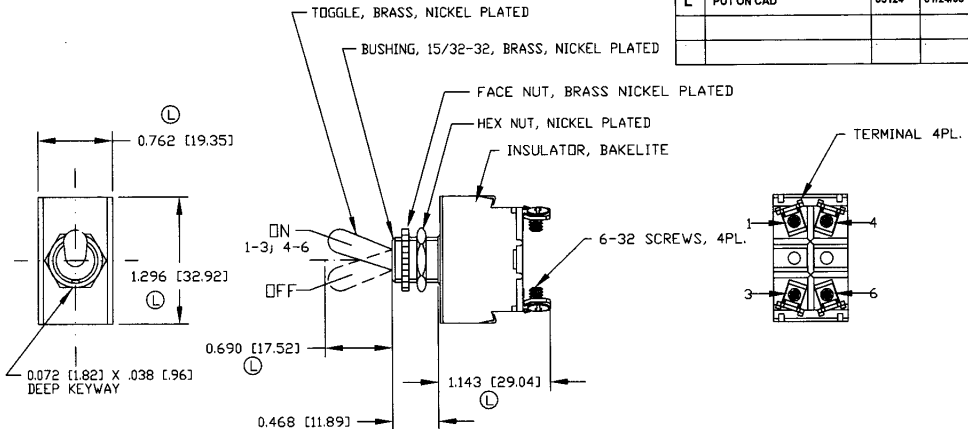
20 OLD COLONY AVENUE, BOSTON, MA, U.S.A. 02127



LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	A P R V D	SCALE	USED ON	DATE DRAWN
				E	ADD NOTE	25432	9/15/93	JH				1"=1"		2-3-54
				D	KEYWAY	17537	1-4-72	H						
				C	NICKEL PLT	16294	11-22-68	B						
				B	ADDED DIM	16093	5-29-68	W						
				A	7/16-32		10-29-57	P						
									COLE-HERSEE COMPANY BOSTON 27 MASS U S A					DATE ISSUED
									NAME SINGLE POLE, DOUBLE THROW TOGGLE SWITCH					PART NO 5586

Revision Control Record

Rev.	Description of Change	ECN No.	Date
L	PUT ON CAD	05124	01/24/05



- Ⓐ NOTES:
1. ALL DIMENSIONS ARE REFERENCE
 2. ALL STEEL PARTS ZINC PLATED
 3. SILVER CONTACT SURFACES
 4. SWITCH RATING: 12V/25A; 24V/15A

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. <<<

Dimensional Units: All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters

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

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

Special 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.)



Cole Hersee Co.

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

Description:

**SWITCH, TOGGLE . DPST
ON-OFF**

Drawing /
Part No.:

5588

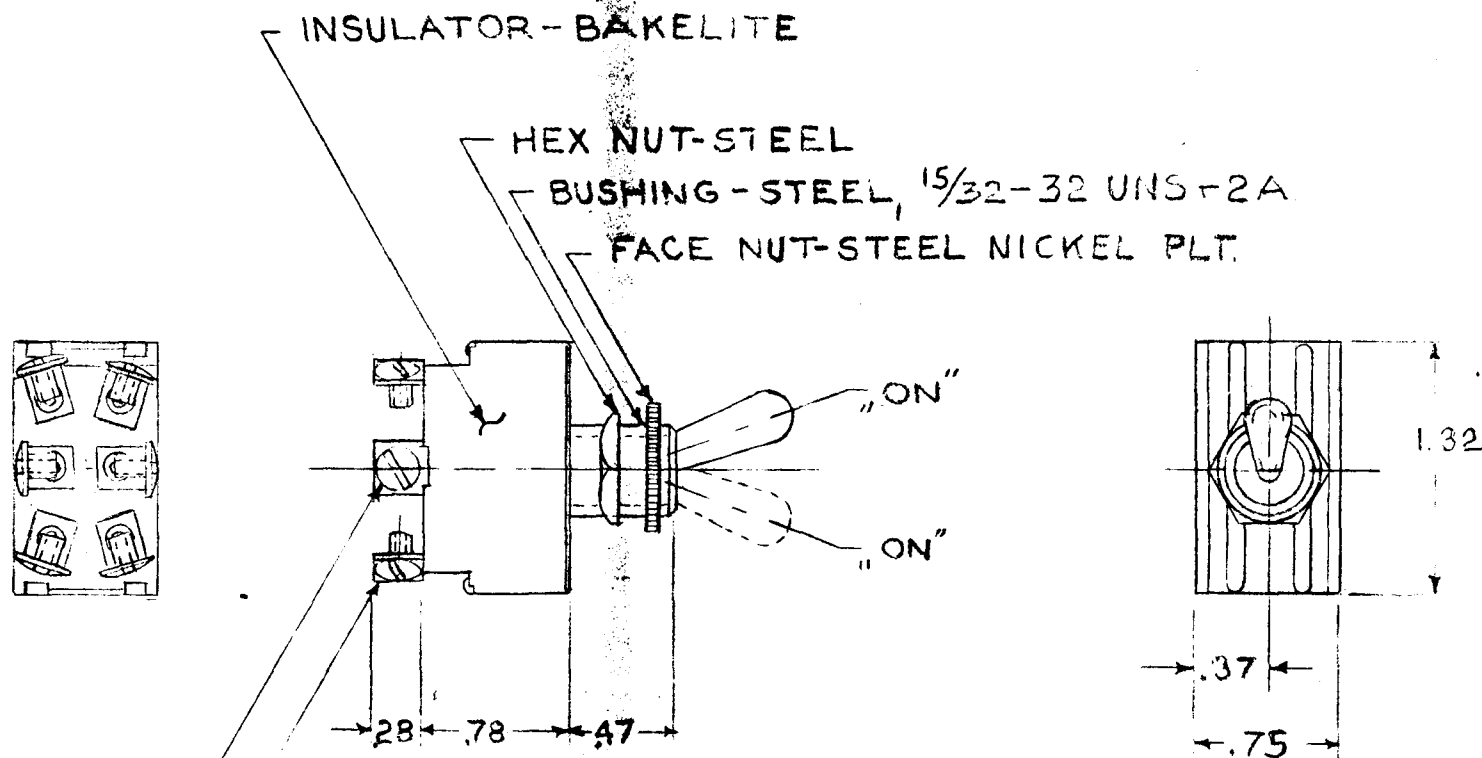
Current Rev.

L

Used On or Ref.: Scale: **1:1** Drawn By: **JP** Date Drawn: **12/31/87**

Responsible Engineer: **G.AUGUSTE** Pg. 1 of 1

5590



INSULATOR - BAKELITE
HEX NUT-STEEL
BUSHING - STEEL, 15/32-32 UNS-2A
FACE NUT-STEEL NICKEL PLT.
TERMINAL - BRASS
SCREW - BRASS

NOTES:

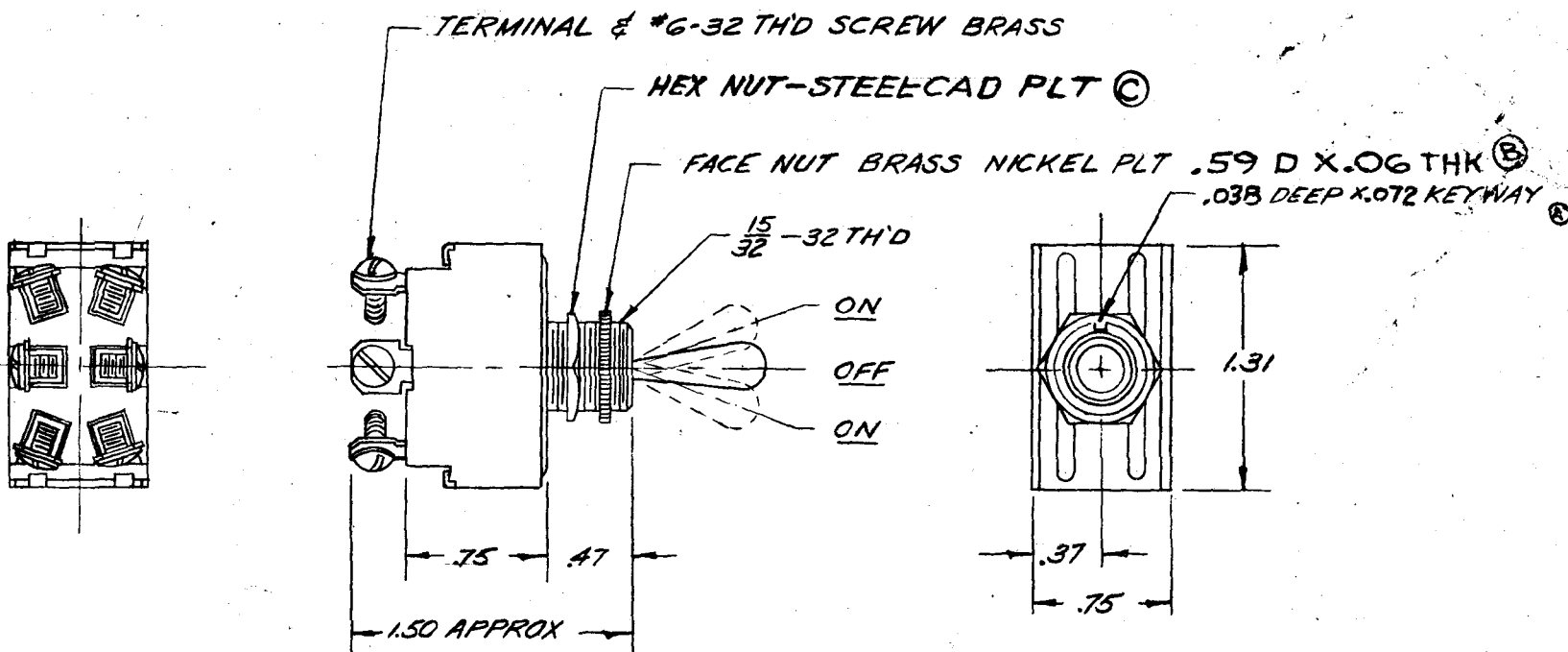
1. DOUBLE POLE - DOUBLE THROW
2 POSITIONS - BOTH "ON" - 6 SCREW
TYPE TERMINALS.
2. ALL STEEL PARTS PLATED
- ③ 3 SILVER CONTACT SURFACES

SCHEMATIC

DO NOT SCALE

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D.	SCALE	DATE DRAWN
								—	EHD			1=1	6-18-59
								FINISH	COLE-HERSEE COMPANY				DATE BLUEPRINT
									BOSTON, MASS. 02127, U.S.A.				
				E	ADD NOTE/25932	9/15/53	TJH	TOLERANCES	TOGGLE SWITCH ASS'Y				5590
				D	ADDED DIAGRAM	7/28/62	FA	FRACTIONAL ± .015					
				C	REDRAWN NO CHANGE	5.13.70	FB	DECIMAL ± .010					

COLE-HERSEE CO.



NOTE:

© SILVER CONTACT SURFACES

LET	WAS	DATE	BY	LET	WAS	DATE	BY	MATERIAL	DRAWN	CHECKED	APPR'D	SCALE	USED ON	DATE DRAWN
								—H—	JP			1-1		10-23-58
				D	ADD NOTE/25432	9/15/93	T.H.	FINISH						
				C	BRASS NICKEL 16294	11-25-68	N.B.						COLE-HERSEE COMPANY	DATE ISSUED
				B	ADDED DIM 16093	5-29-68	R.V.						BOSTON 27, MASS., U. S. A.	
				A	.03 X .06 KEYWAY 13832	1-17-64	B	TOLERANCES	NAME				D.P.D.T. "ON-OFF-ON"	PART NO.
								FRACTIONAL ± .015					TOGGLE SWITCH	5592
								DECIMAL ± .010						