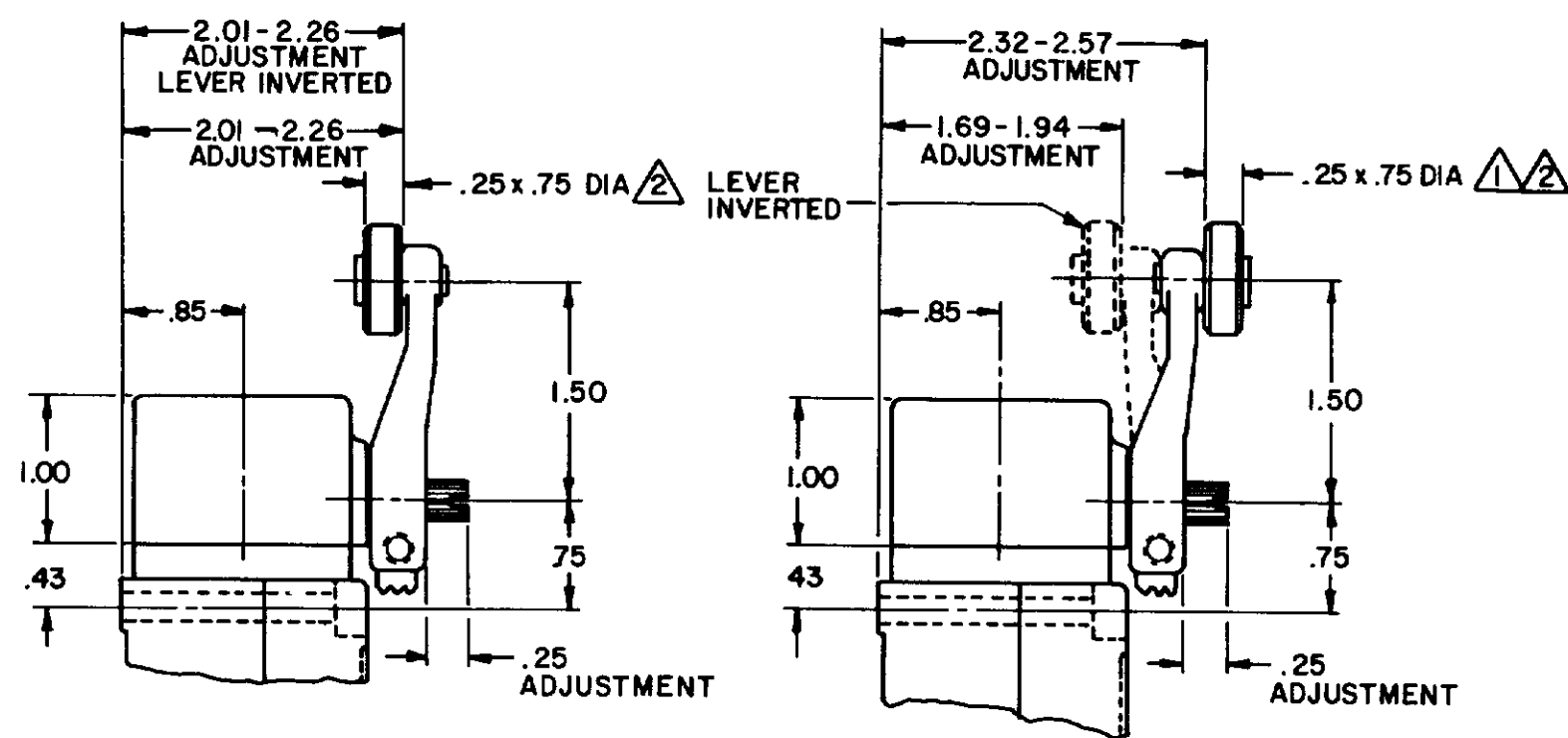
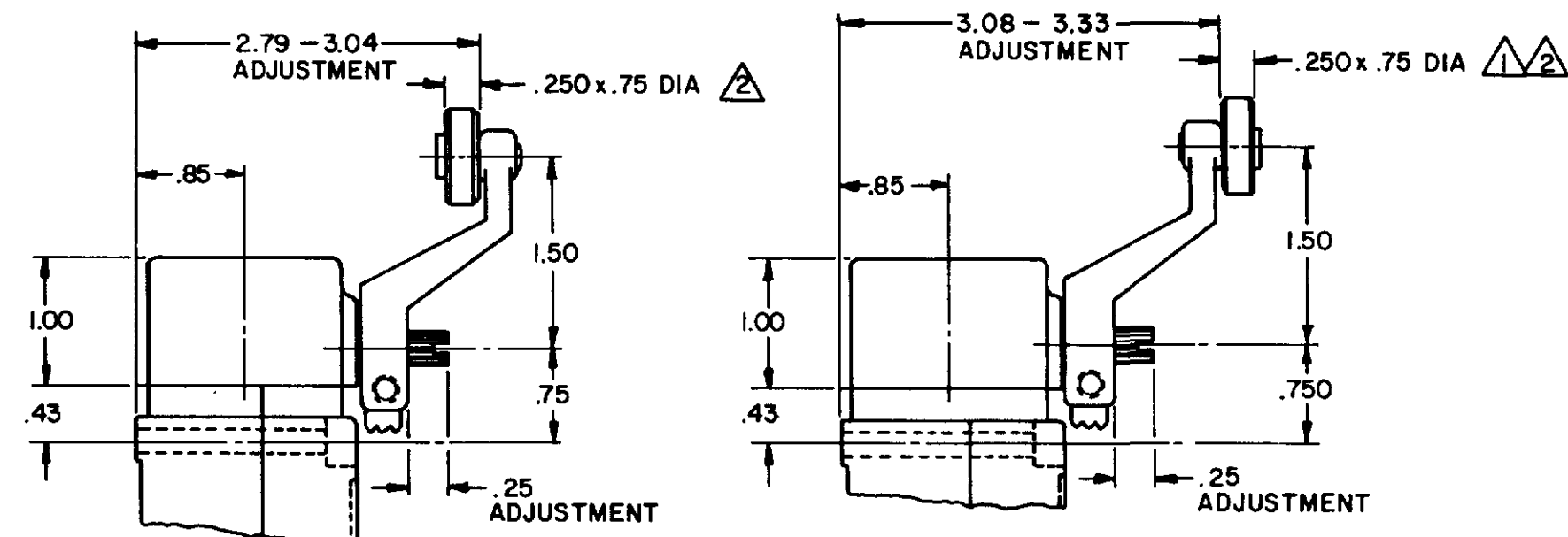


[illegible]

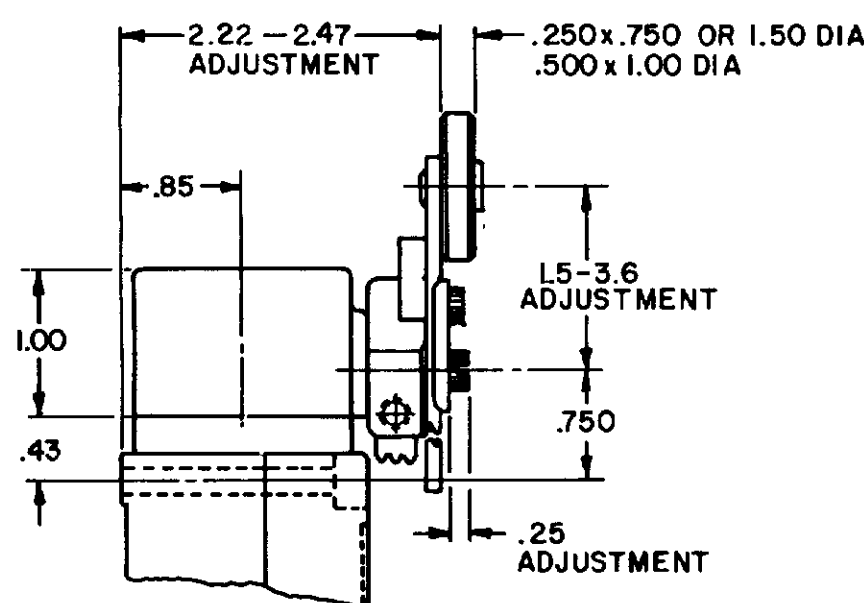
SIDE ROTARY CAM TRACKING



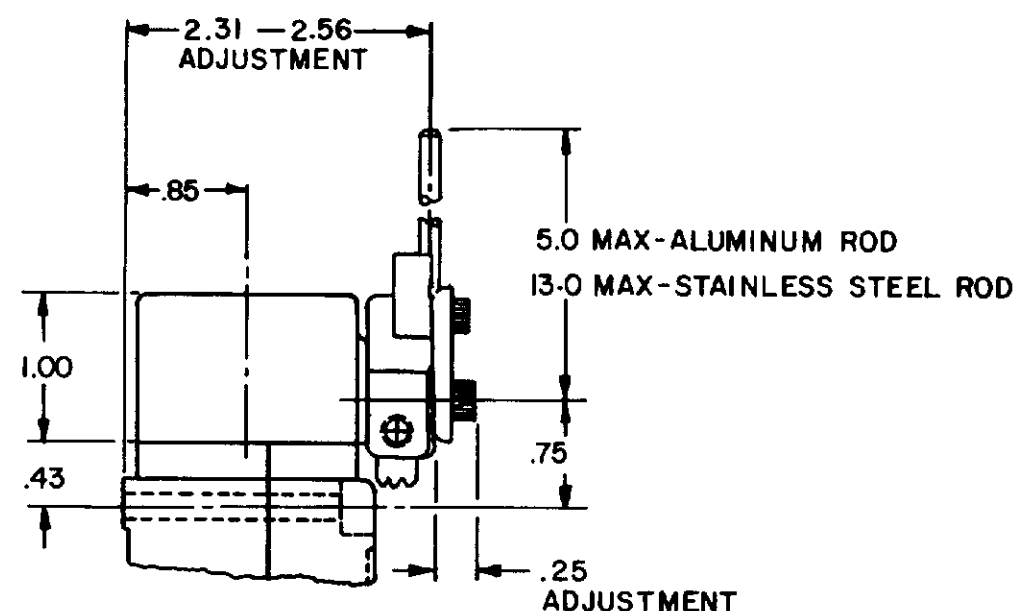
LSZ51 TYPE LEVERS



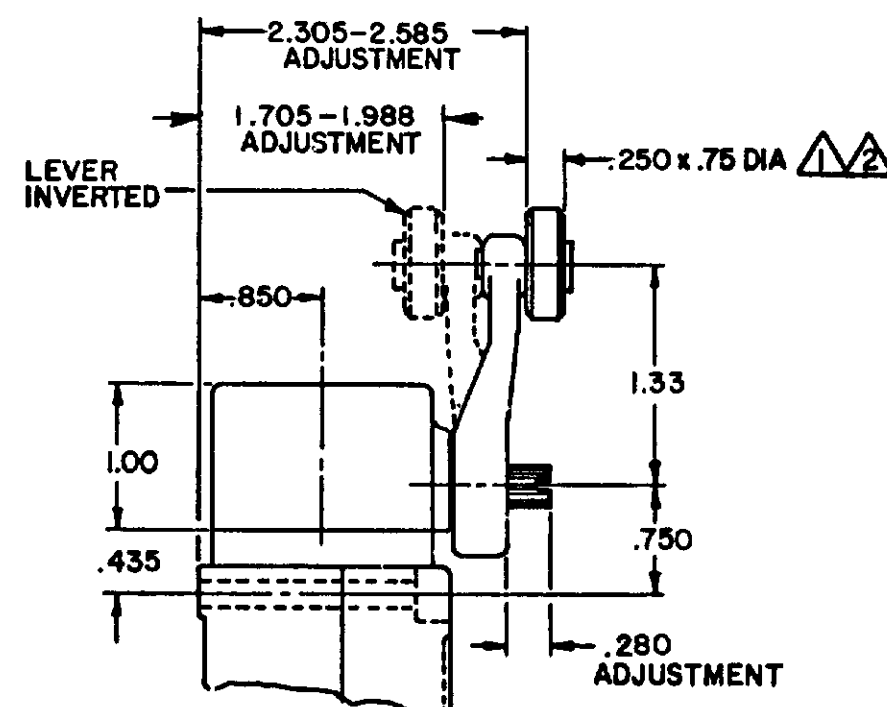
LSZ55 TYPE LEVERS



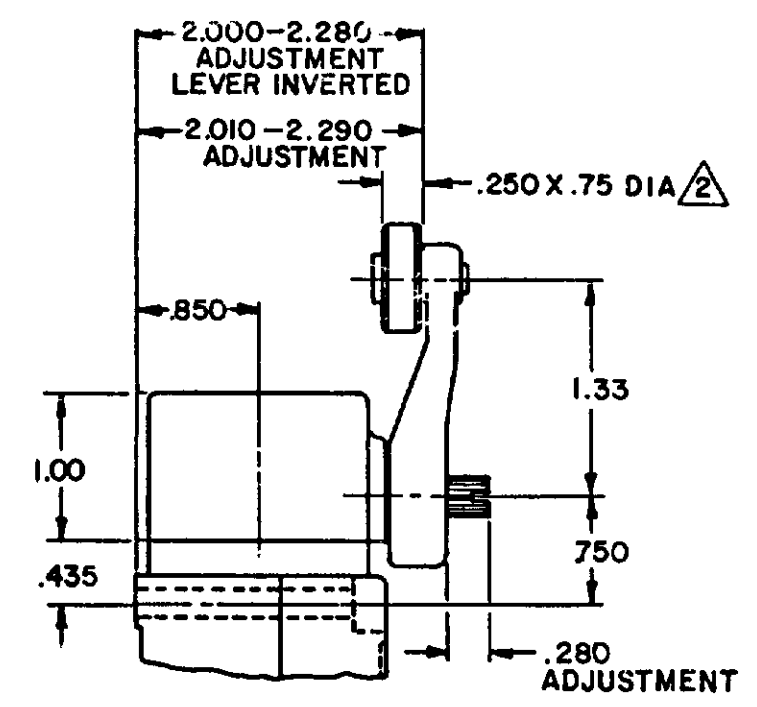
LSZ52 TYPE LEVER



LSZ54 TYPE LEVER



OPEN MOUNTED ROLLER



CLOSED MOUNTED ROLLER

LSZ59 TYPE LEVERS

- NOTES
- 1 ALSO AVAILABLE IN Ø.250 X 1.500 NYLON, BUT LEVER CANNOT BE INVERTED
 - 2 FOR ADDITIONAL ROLLER WIDTHS AND/OR DIAMETERS REFER TO "M" DRAWING
 - 3 - FOR ADDITIONAL TYPES OF ROLLERS AND LEVERS REFER TO LSZ CHART 1 "M" DRAWING

CATALOG LISTING
LSA-LSW SERIES CHART 1
PAGE 2 OF 10
REPLACES LSA-LSW SERIES
10JUL07 RELEASE NO. CO-78498
PSR
CHECK
11AUG04
AK
11JUL94
JAF
15JUN94
MAM
DRAWN
MASTER

REV	DATE	BY	CHK	DESCRIPTION
1	0031956			
2	10JUL07	BS		
3	201004	B		
4	10AUG00	C		
5	201748	C		
6	17NOV00	C		
7	202198	D		
8	20JAN01	E		
9	204871	F		
10	206581	F		
11	14OCT02	G		
12	206763	G		
13	31OCT02	H		
14	207178	H		
15	14JAN03	J		
16	207474	J		
17	18FEB03	K		
18	0006871	K		

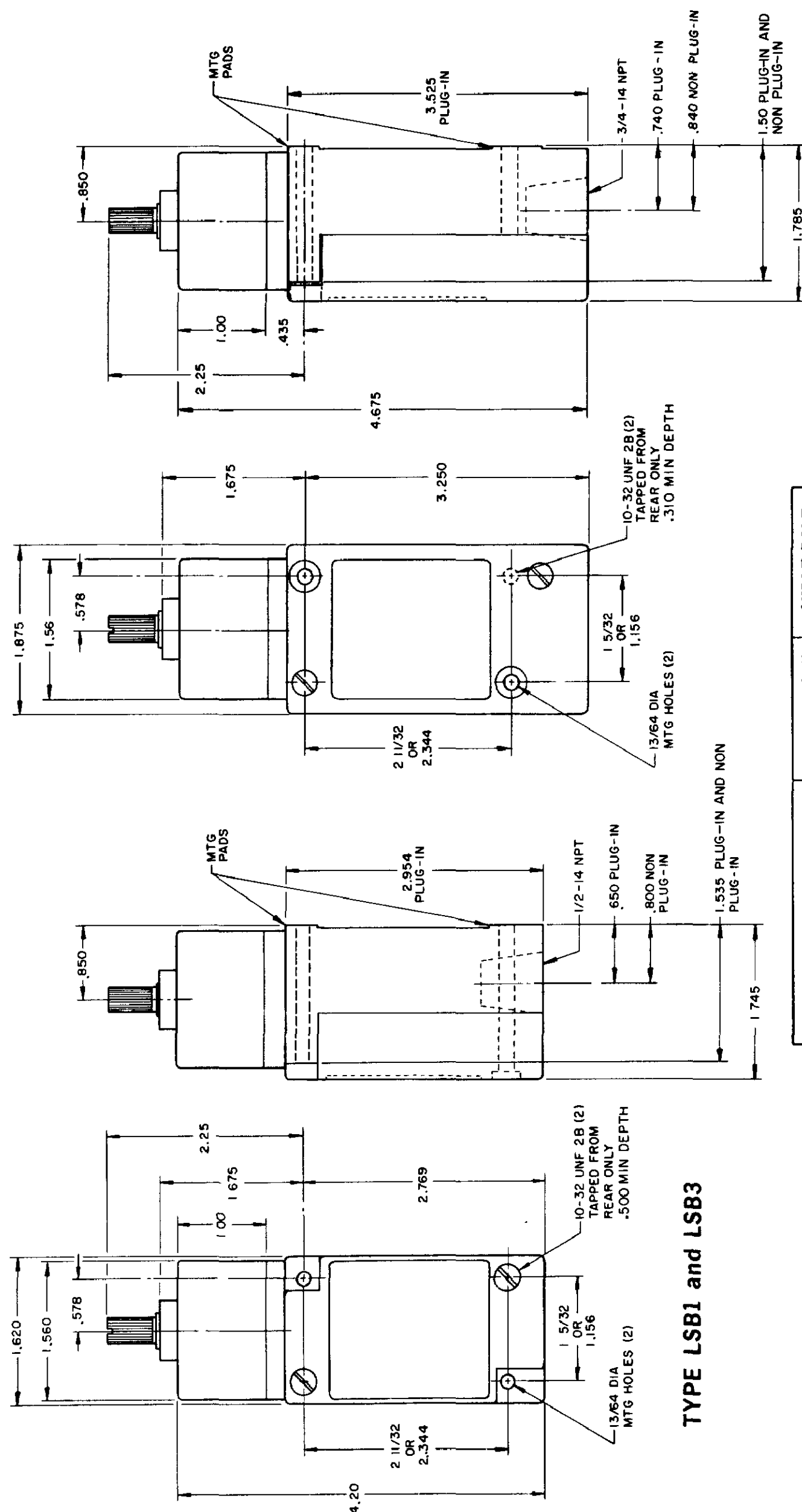
THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.		PAGE 2 OF 10	
MICRO SWITCH a Honeywell Division		SWITCH - ENCLOSED	
FED MFG CODE 91929		CATALOG LISTING LSA-LSW SERIES CHART 1	

THIRD ANGLE PROJECTION			
SCALE NONE			
DO NOT SCALE PRINT			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE			
ONE PLACE	(0)	±.030	
TWO PLACES	(.00)	±.015	
THREE PLACES	(.000)	±.005	
ANGLES		±	
WEIGHT			

TOP ROTARY

SINGLE POLE

DOUBLE POLE



TYPE LSB1 and LSB3

**TYPE LSB2 and LSB4
LSB6 and LSB7 have 1/2" - 14 NPT
CONDUIT HOLE**

PRETRAVEL MAX	SINGLE POLE 25°	DOUBLE POLE 25°
OVERTRAVEL MIN	110°	110°
DIFFERENTIAL TRAVEL MAX	10°	12°
OPERATING TORQUE MAX	2 5 IN. LBS	2 5 IN. LBS
TOTAL TRAVEL (REF)	135°	135°

ELECTRICAL RATINGS

10 AMP CONT.	A.C. VOLTAGE	AMPS AT 35 POWER FACTOR					
		SINGL POLE		DOUBLE POLE		BREAK	
		MAKE	BREAK	MAKE	BREAK	MAKE	BREAK
	120	60	6	30	3		
	240	30	3	15	1.5		
	480	15	1.5	7.5	75		
	600	12	1.2	6	6		

D. C. VOLTAGE	MAKE & BREAK INDUCTIVE	RESISTIVE
120	0.25	0.80
240	0.15	0.40

ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT

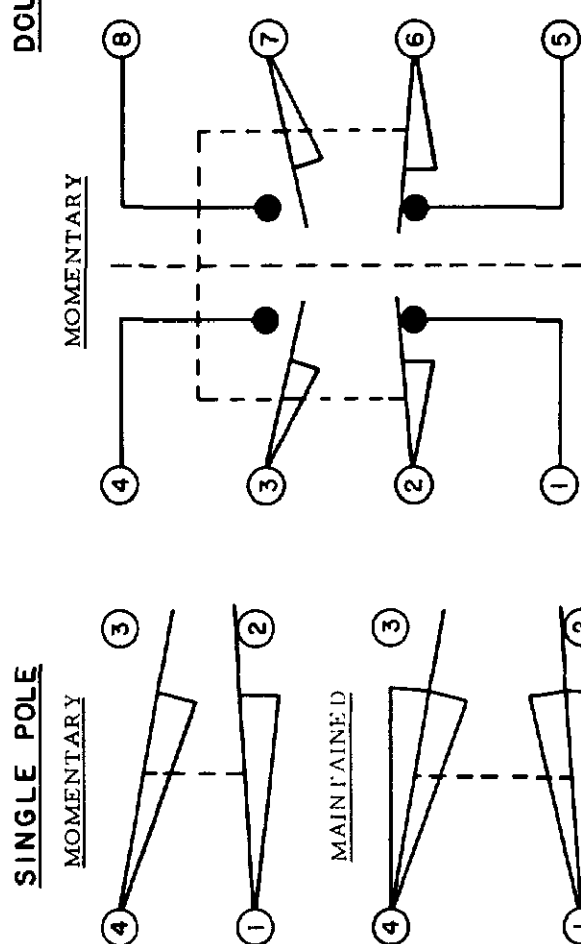
VOLTAGE	
5 AC OR DC MIN	01 AMP MIN
600 AC	720 VA
240 DC	30 WATT

**DIRECT ACTING (ALSO RATED AT A. C. 10
AMP CONT.)**

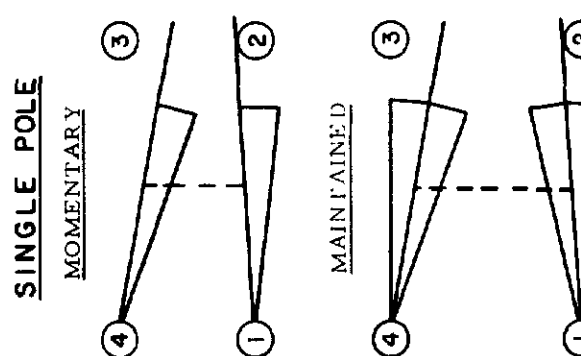
D. C. VOLTAGE	MAKE AND BREAK AMPS	
	INDUCTIVE	RESISTIVE
30	4.2	4.2
120	1.1	1.1
240	.55	.55

**WIRING BASIC SWITCH
(SAME POLARITY MUST BE OBSERVED FOR EACH POLE)**

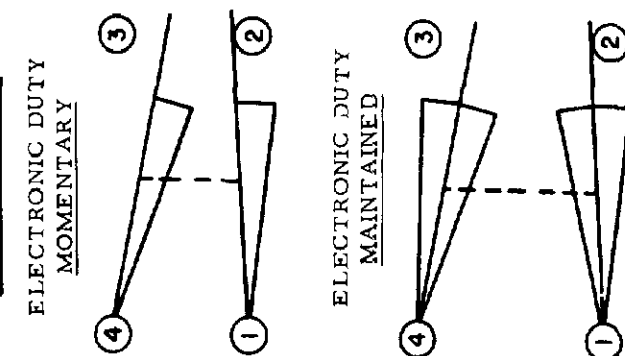
DOUBLE POLE



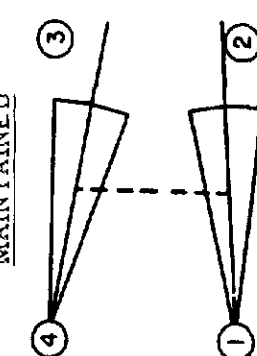
SINGLE POLE



SINGLE POLE



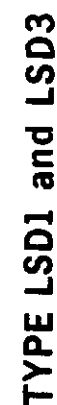
ELECTRONIC DUTY



DIRECT ACTING



SINGLE POLE DOUBLE POLE



**120 LAMP VOLTAGE .
TYPE LSC5, LSD5 or LSV5**

240 LAMP VOLTAGE .
TYPE LSC8, LSD8 or LSV8



PAGE 4 OF 10

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MICRO SWITCH
a Honeywell Division

SWITCH - ENCLOSED

CATALOG LISTING

LSA-LSW SERIES

CHART 1

SCALE NON8

NO-MON-SCALE-PRINT

REV	DATE	BY	CHK	APP
L	0031956			
B	10 JUL 97			
C	10 AUG 00			
D	201748			
E	17 NOV 00			
F	202198			
G	204871			
H	206581			
I	14 OCT 02			
J	206763			
K	31 OCT 02			
L	207179			
M	207474			
N	18 FEB 03			
O	0006871			
P	11 AUG 04			

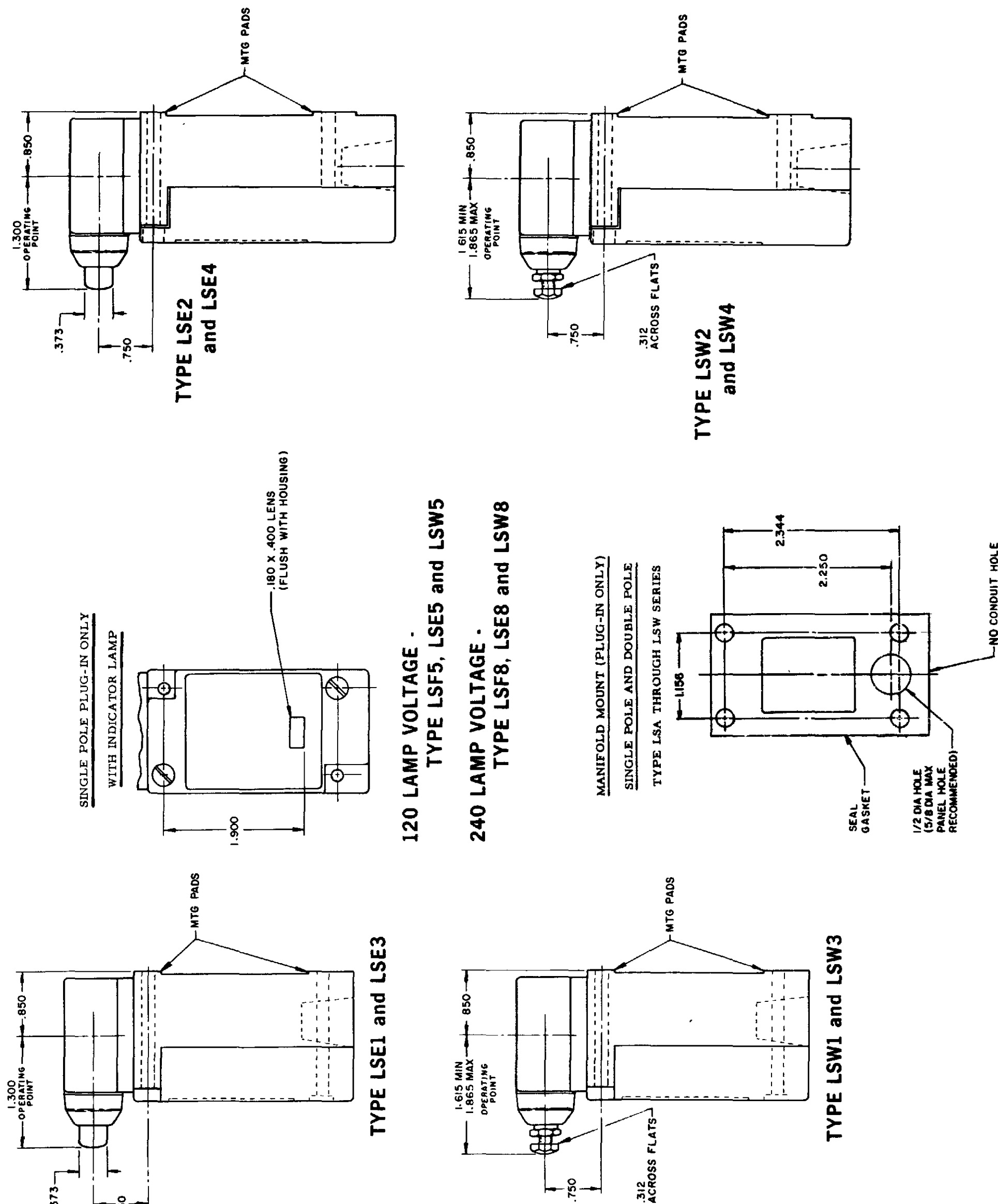
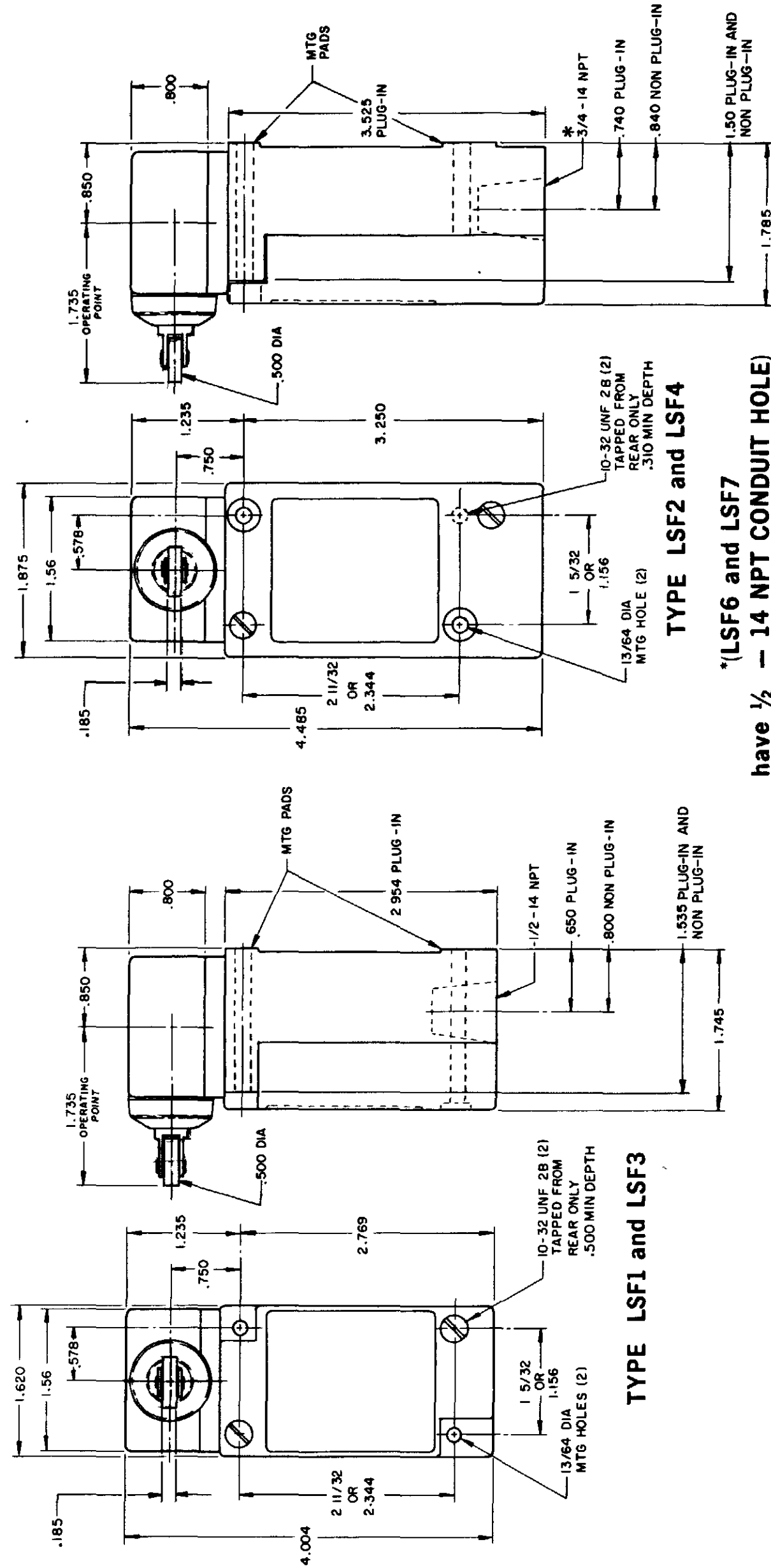
ISSUE	CATALOG LISTING	RELEASE NO	CO-78498	REPLACES	LSA-LSW SERIES
12	LSA-LSW SERIES CHART 1	10JUL07			
PSR		CHECK			
AK	11AUG04	CHECK			
AF	11 JUL 94	CHECK			
AF	15 JUN 94	CHECK			

RASTER
DRAWN
MAM

SIDE PLUNGER TYPE

SINGLE POLE

DOUBLE POLE



MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
LSA-LSW SERIES
CHART 1

PAGE 5 OF 10

SCALE NONE
DO NOT SCALE PRINT



TYPE LSG1 and LSG3

INITIAL POSITION —
(FREE POSITION) } PRETRAVEL
DIFFERENTIAL TRAVEL
OPERATING POINT } OVERTRAVEL
FULL TRAVEL —

OPERATING POINT GIVEN
IN RELATION TO TOP
MOUNTING HOLE

SIDE	PLUNGER	TYPES
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
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92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

PAGE 6 OF 10

SWITCH - ENCLOSED

CATALOG LISTING

LSA-LSW SERIES

CHART 1

SCALE		NONE	
DO NOT SCALE PRINT			
UNLESS			
DIMENSIONS ARE NOTED			
TOLERANCES			
ONE PLACE	(.0)	±	
TWO PLACE	(.00)	±	
THREE PLACE	(.000)	±	
ANGLES		±	
WEIGHT			

REVISIONS	BS	10 JUL 07	
	B	201004	
C	10 AUG 00		
	C	201748	
D	17 NOV 00		
	D	202198	
E	23 JAN 01		
	E	204871	
F	14 FEB 02		
	F	206581	
G	14 OCT 02		
	G	206763	
H	31 OCT 02		
	H	207179	
J	14 JAN 03		
	J	207474	
K	18 FEB 03		
	K	0006871	
MAM	15 JUN 94		
	MAM	11 AUG 94	

ISSUE	12	PSR	10 JUL 07	CHECK	AK	11 AUG 04	RELEASE NO	CO-78498	REPLACES	LSA-LSW SERIES
LSA-LSW SERIES CHART 1										
PAGE 7 OF 10										

CATALOG LISTING

LSA-LSW SERIES CHART 1

LSA-LSW SERIES

RASTER
DRAWN

12

11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

206763

207179

207474

0006871

11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

206763

207179

207474

0006871

11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

206763

207179

207474

0006871

11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

206763

207179

207474

0006871

11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

206763

207179

207474

0006871

11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

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206763

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11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

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206763

207179

207474

0006871

11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

206763

207179

207474

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11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

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206581

206763

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207474

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11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

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11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

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11 AUG 94

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11 AUG 04

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201004

201748

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11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

206763

207179

207474

0006871

11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

206763

207179

207474

0006871

11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

206763

207179

207474

0006871

11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

206763

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207474

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11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

202198

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11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

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11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

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11 AUG 94

15 JUN 94

11 AUG 04

10 JUL 07

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15 JUN 94

11 AUG 04

10 JUL 07

201004

201748

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11 AUG 04

10 JUL 07

201004

201748

202198

204871

206581

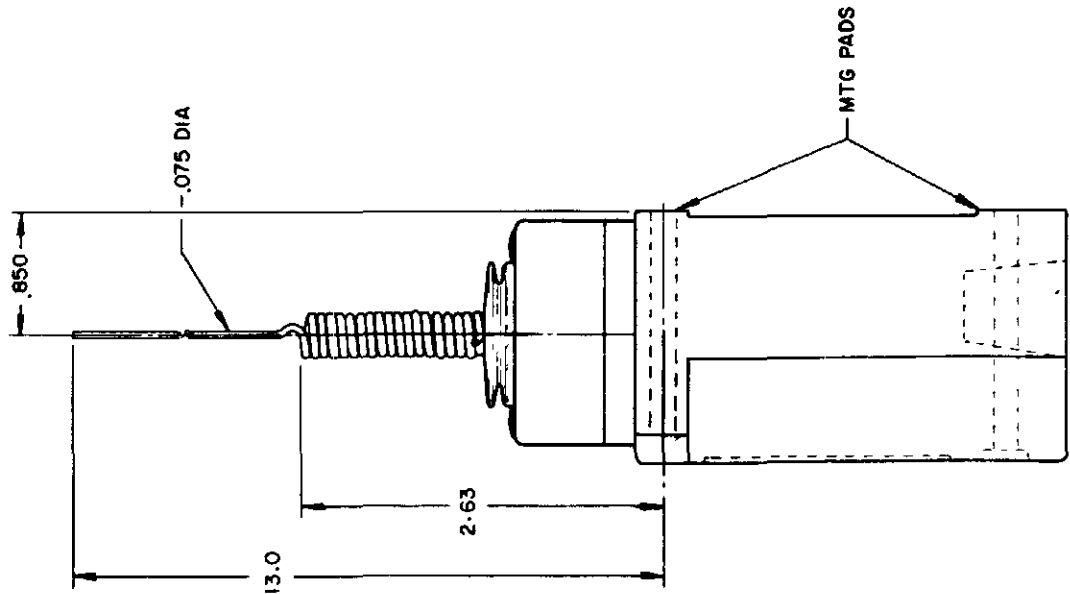
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0006871

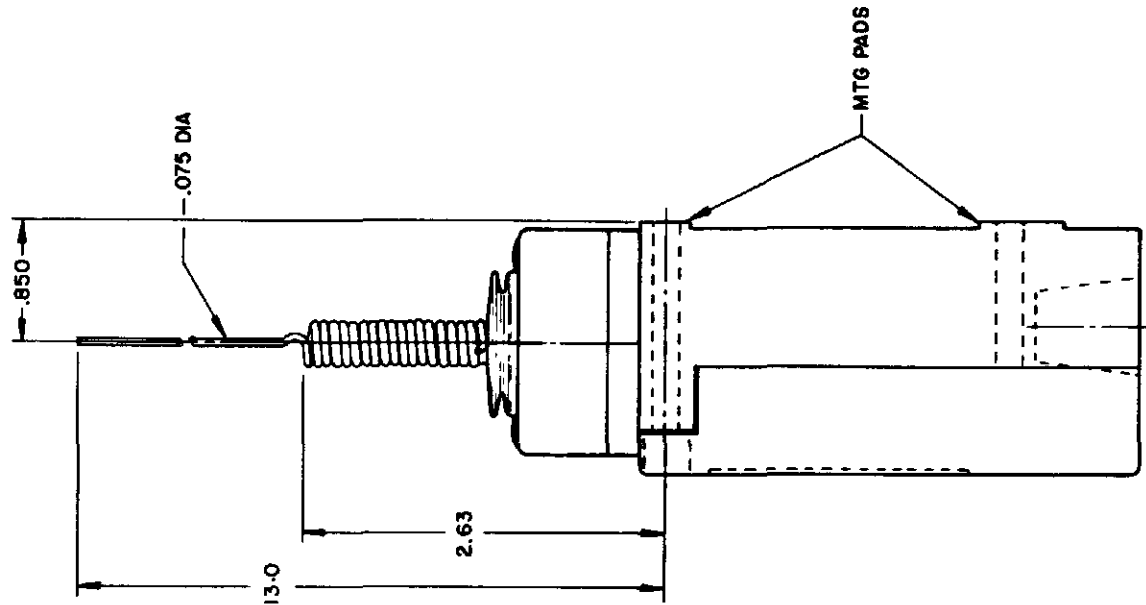
11 AUG 94



WIRE EXTENSION TYPE 7M ACTUATOR

TYPE LSJ1 and LSJ3

REPLACEMENT ACTUATOR - LSZ 4010

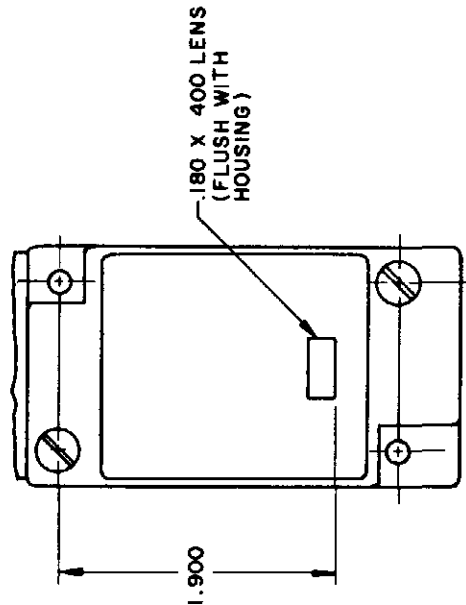


WIRE EXTENSION TYPE 7M ACTUATOR

TYPE LSJ2 and LSJ4

LSJ6 and LSJ7 have 1/2 - 14 NPT CONDUIT HOLE

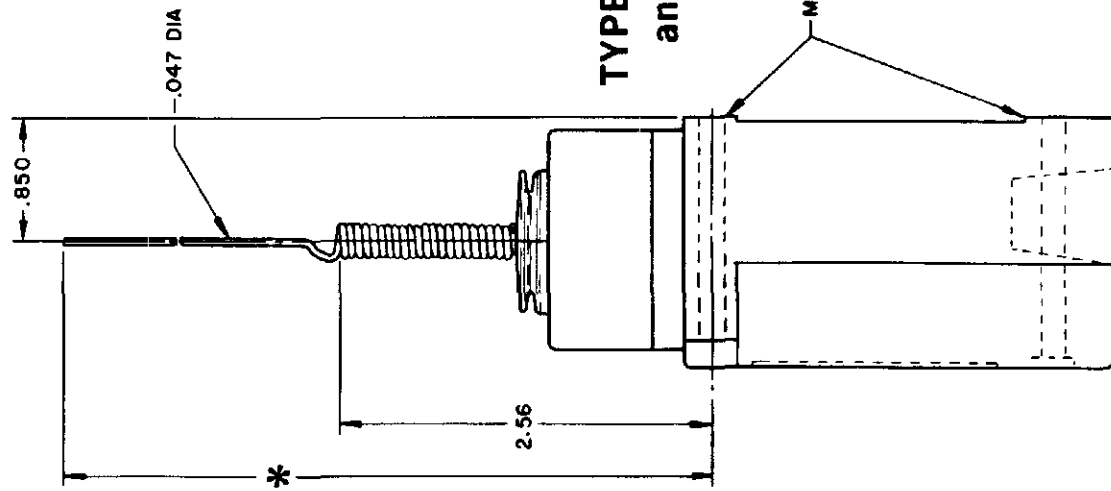
SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



120 LAMP VOLTAGE TYPE LSJ5
240 LAMP VOLTAGE TYPE LSJ8

CAT WHISKER

SINGLE POLE

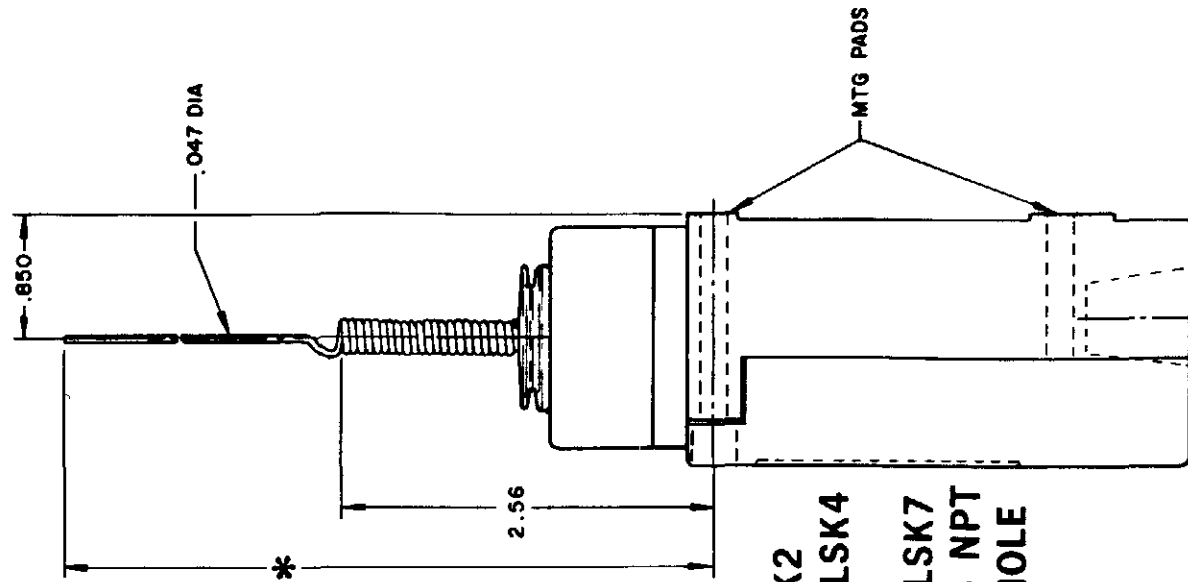


TYPE LSK1
and LSK3

120 LAMP VOLTAGE
TYPE LSK5 - CAT WHISKER TYPE LSB5 - TOP ROTARY
240 LAMP VOLTAGE
TYPE LSK8 - CAT WHISKER TYPE LSB8 - TOP ROTARY

*WIRE EXTENSION REPLACEMENT ACTUATOR
TYPE 8A ACTUATOR 5.5 IN.-LSZ 4012
TYPE 8B ACTUATOR 7.5 IN.-LSZ 4013
TYPE 8C COIL ACTUATOR 5.5 IN.-LSZ 4014
ACTUATOR 9.5 IN. - LSZ4036

DOUBLE POLE



TYPE LSK2
and LSK4
LSK6 and LSK7
have 1/2 - 14 NPT
CONDUIT HOLE

WIRE EXTENSION
*TYPE 8A ACTUATOR 5.5 IN.
TYPE 8B ACTUATOR 7.5 IN.
TYPE 8C ACTUATOR 5.5 IN.
TYPE 8D ROD ACTUATOR 5.5 IN.

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MICRO SWITCH
a Honeywell Division
FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
LSA-LSW SERIES
CHART 1

PAGE 8 OF 10

SCALE NONE
DO NOT SCALE PRINT

PRETRAVEL (APPROX) IN. RADIUS	CAT. WHISKER		WOBBLE STICK	
	5/16" COIL	5/16" WIRE	7/16" ROD	WIRE
	2	2	4.5	1.5
OPERATING FORCE-OZ (MAX)	7.0	5.0	3.0	7.0

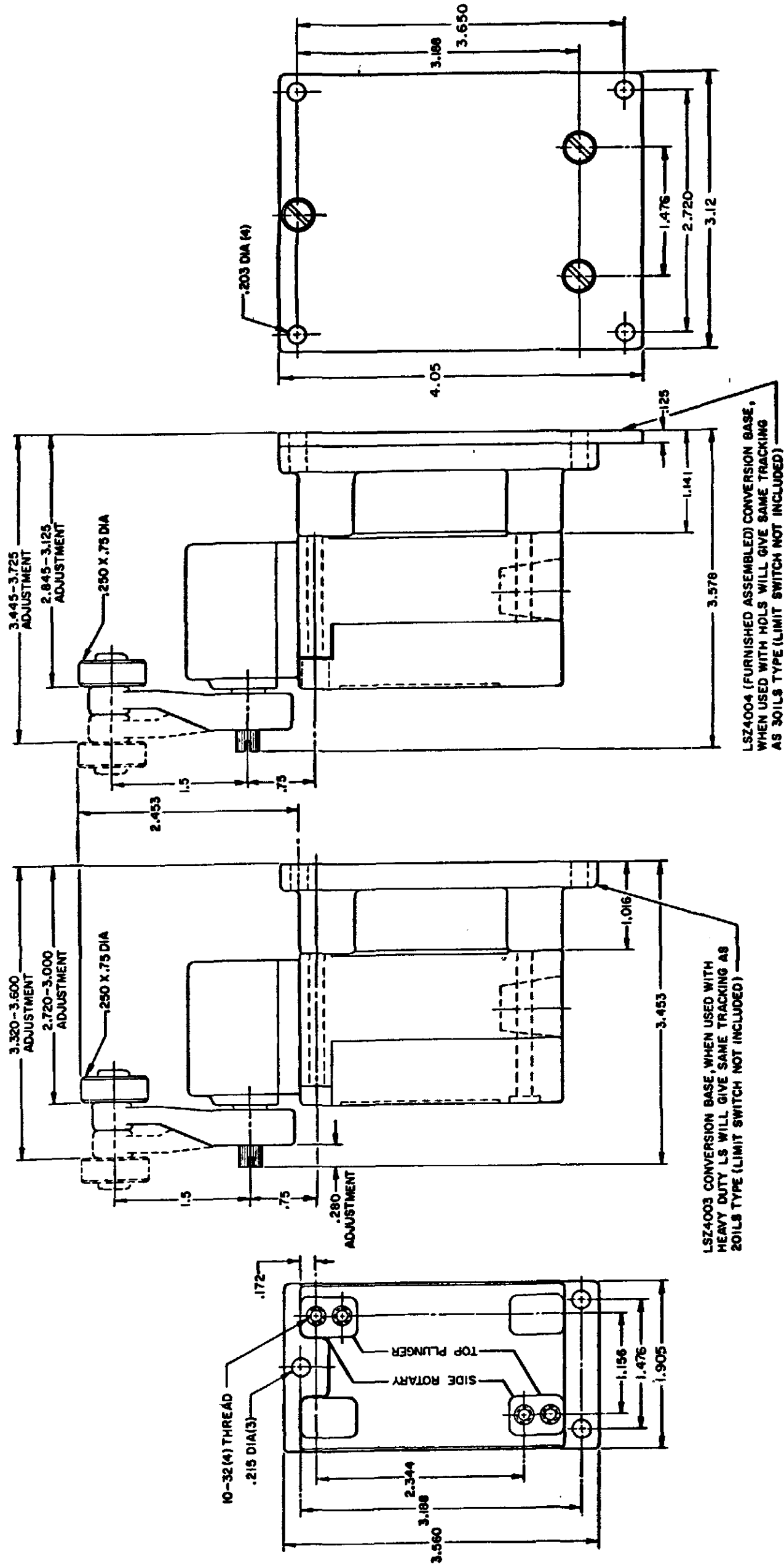
REV	DATE	BY	CHKD	DESCRIPTION
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B	10JUL07			201004
C	201748			201748
D	202198			202198
E	204871			204871
F	206581			206581
G	206763			206763
H	207179			207179
J	207474			207474
K	0006871			0006871

ISSUE	12	PSR	10JUL07	RELEASE NO	CO-78498	REPLACES	LSA-LSW SERIES
CATALOG LISTING	LSA-LSW SERIES CHART 1	PAGE 9 OF 10					
REVISIONS	11AUG04	AK	11JUL94	CHKD			
15 JUN 94	CHKD	JAF					
MAM							

CONVERSION BASES

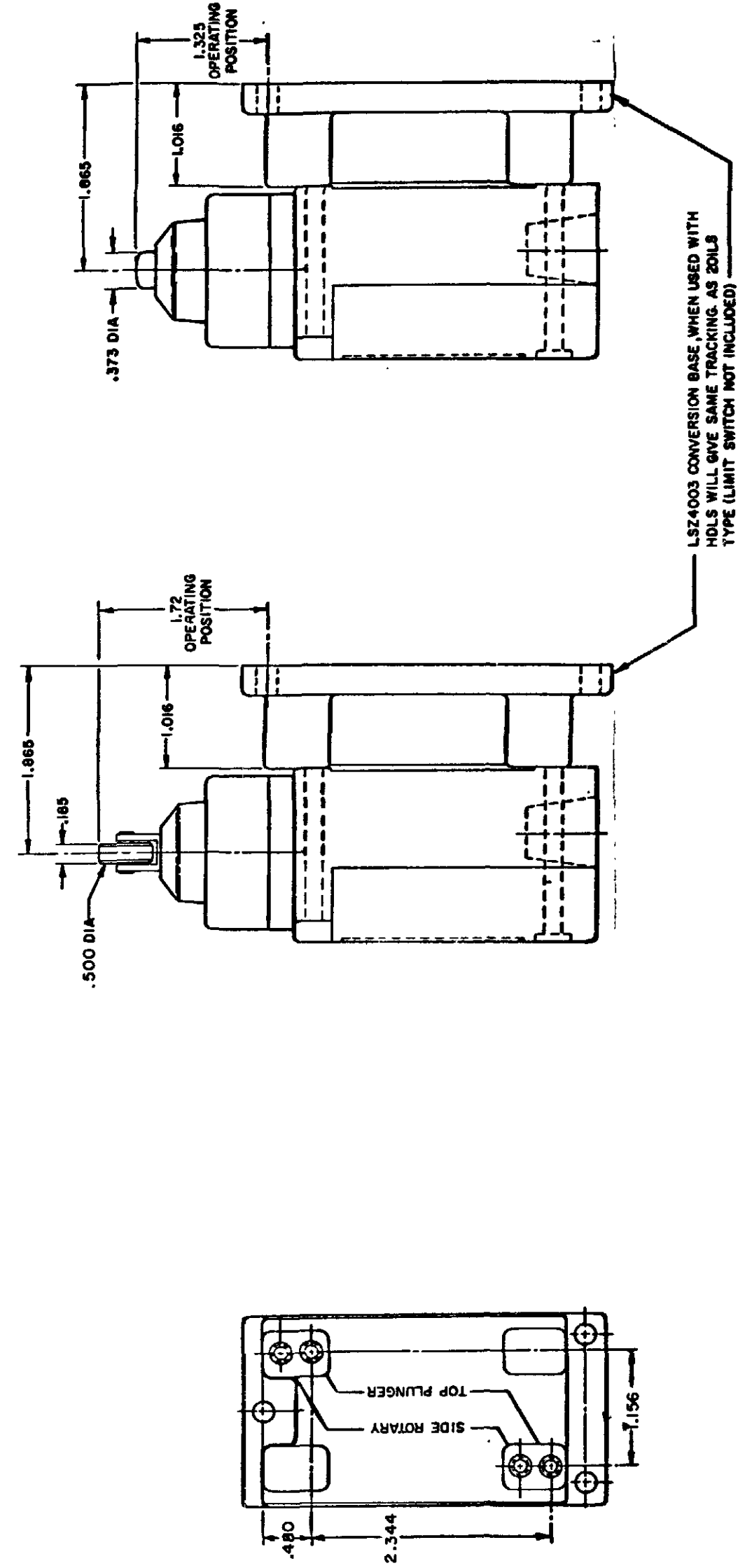
**SINGLE POLE
(SIDE ROTARY)
LSZ 4003**

**DOUBLE POLE
(SIDE ROTARY)
LSZ 4004**



NOTE
SEE OTHER PAGES OF LSA-LSW
(M) DRAWING FOR DIMENSION OF LIMITS

**SINGLE POLE
TOP PLUNGER
LSZ 4003**



NOTE
SEE OTHER PAGES OF LSA-LSW
(M) DRAWING FOR DIMENSION OF LIMIT SWITCH

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MICRO SWITCH a Honeywell Division	SWITCH - ENCLOSED	CATALOG LISTING LSA-LSW SERIES CHART 1
FED MFG CODE 91829		

SCALE FULL
DO NOT SCALE PRINT

HEAD TYPE	CELLULOSE DETERGENT 5 STAR ASTM #1 ASTM #2 ASTM #3 ASTM #4 HOUGHTON SAFE 271 HOUGHTON SAFE 820 1010, 1035, 1120 MINERAL OIL PETR. OIL CRUDE SILICON GR & OIL SUNSAFE BEER STODDARD SOLV. CHLORINATED SOLVENTS CITRIC ACID DI-ESTER SYN. LUBRICANTS OZONE PYDRAUL PROGUARD PETRO. BASE HYDRAULIC OIL LARD OIL SILICATE ESTERS																							
	LSA	LSB	LSC	LSD	LSE	LSF	LSG	LSH	LSJ	LSK	LSL	LSM	LSN	LSP	LSR	LSV	LSW	LST	LSS					
4	1	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2
4	1	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2
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4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	2	4	1	4	3	4	4	2	2	2
4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	2	4	1	4	2	4	4	2	2	2
LST	UNSEALED DEVICE, INTENDED TO MEET NEMA 1 ONLY																							
LSS	UNSEALED DEVICE, INTENDED TO MEET NEMA 1 ONLY																							

CODE: 1 SATISFACTORY 2 FAIR 3 DOUBTFUL 4 UNSATISFACTORY

TEMPERATURE LIMITATIONS FOR STANDARD DEVICES		
TYPES	LOW LIMIT	HIGH LIMIT
LSA	+10°F	+250°F
LSB	+30°F	+250°F
LSC	+10°F	+200°F
LSD	+10°F	+200°F
LSE	+10°F	+200°F
LSF	+10°F	+200°F
LSG	+30°F	+200°F
LSH	+30°F	+250°F
LSJ	+10°F	+200°F
LSK	+10°F	+200°F
LSL	+10°F	+250°F
LSM	+30°F	+250°F
LSN	+30°F	+250°F
LSP	+10°F	+250°F
LSR	+30°F	+250°F
LSV	+10°F	+200°F
LSW	+10°F	+200°F
LST	+30 F	+170°F
LSS	+30°F	+170°F

CATALOG LISTING

LSA-LSW SERIES CHART 1

12

PSR

10JUL07

RELEASE NO. CO-78498

REPLACES LSA-LSW SERIES

REVISIONS

L 0031956

BS 10JUL07

B 201004

C 201748

D 202198

E 204871

F 206581

G 206783

H 207179

J 207474

K 0006871

11AUG04

AK

11JUL94

JAF

15JUN94

MAM

11AUG04

RASTER

DRAWN

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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