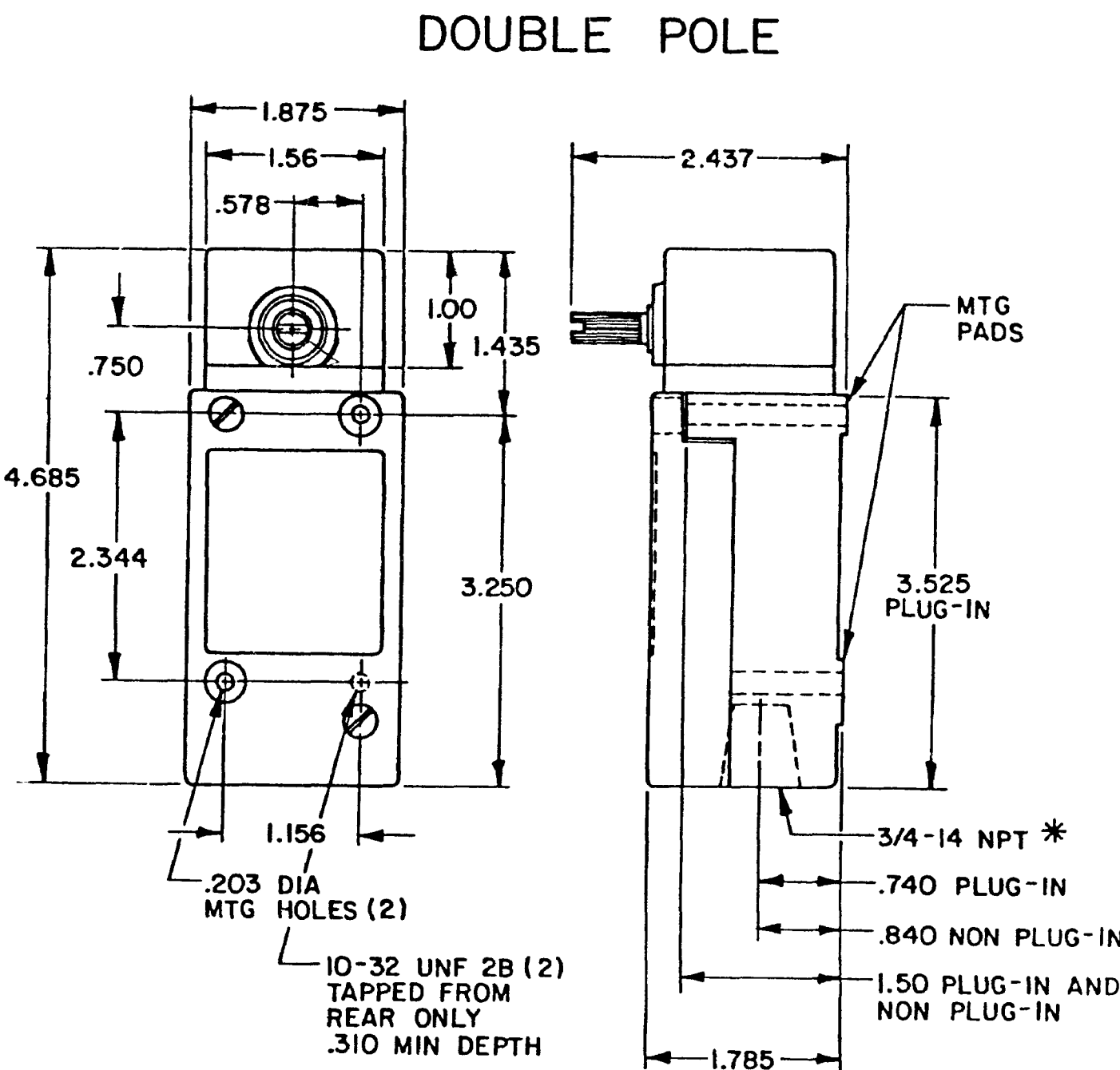


[illegible]

TYPE: LSA2, LSH2, LSM2, LSN2, LSP2, LSR2
LSA4, LSH4, LSM4, LSN4, LSP4, LSR4

OPERATING DATA-SIDE ROTARY

INITIAL POSITION

P.T.

O.T.

D.T.

R.T.

DIFFERENTIAL TRAVEL

PRETRAVEL

OVERTRAVEL

RELEASE TRAVEL

Technical drawing of a rectangular panel with the following dimensions and labels:

- Top width dimension: 1.156
- Right height dimension: 2.344
- Inner height dimension: 2.250
- Labels:
 - SEAL GASKET (pointing to the top edge)
 - .500 DIA HOLE (.625 DIA MAX PANEL HOLE RECOMMENDED) (pointing to a hole in the top edge)
 - NO CONDUIT HOLE (pointing to the bottom edge)

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MICRO SWITCH a Honeywell Division FED. MFG. CODE 91929	SWITCH - ENCLOSED	CATALOG LISTING LSA-LSW SERIES
		CHART 1

THIRD ANGLE PROJECTION

SCALE NONE

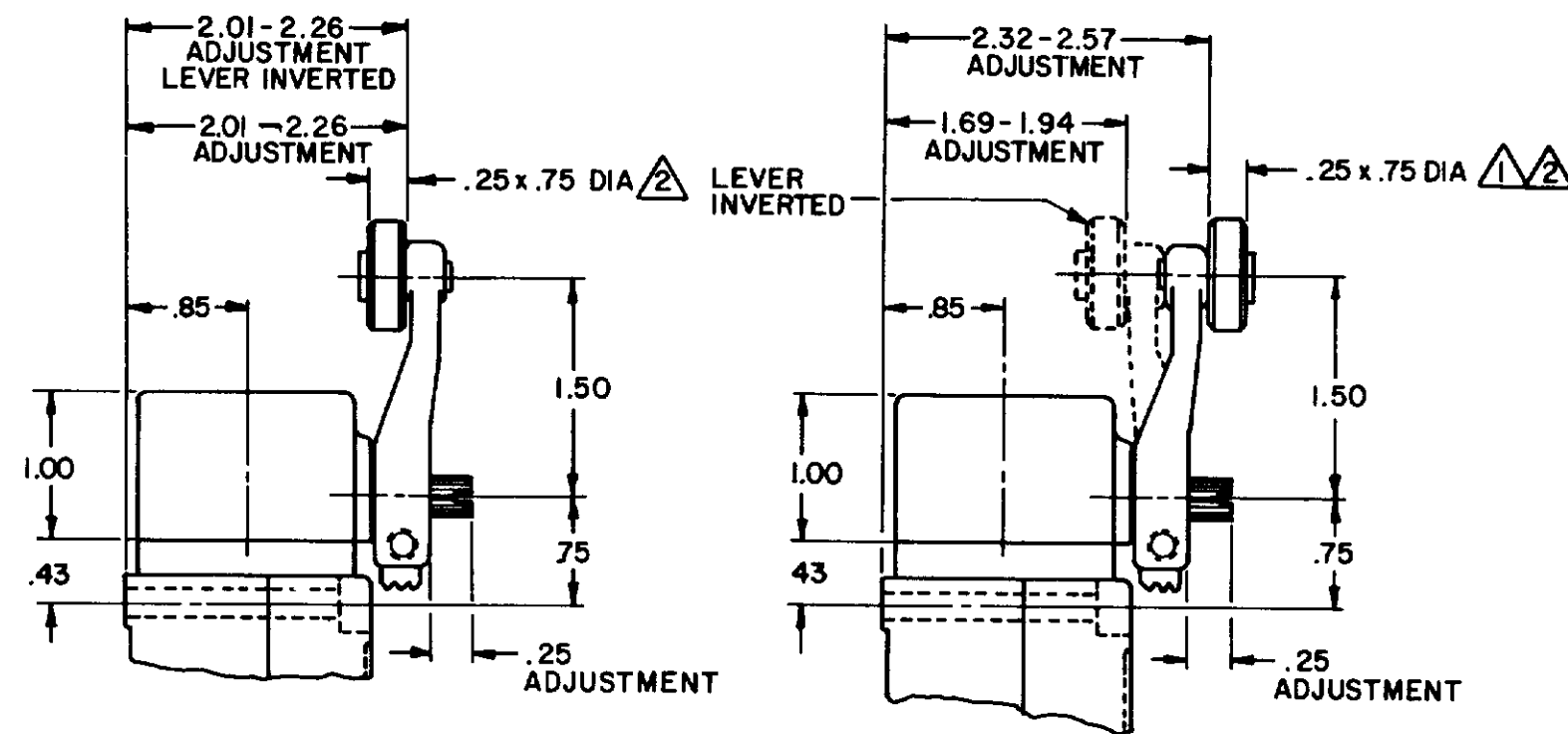
DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

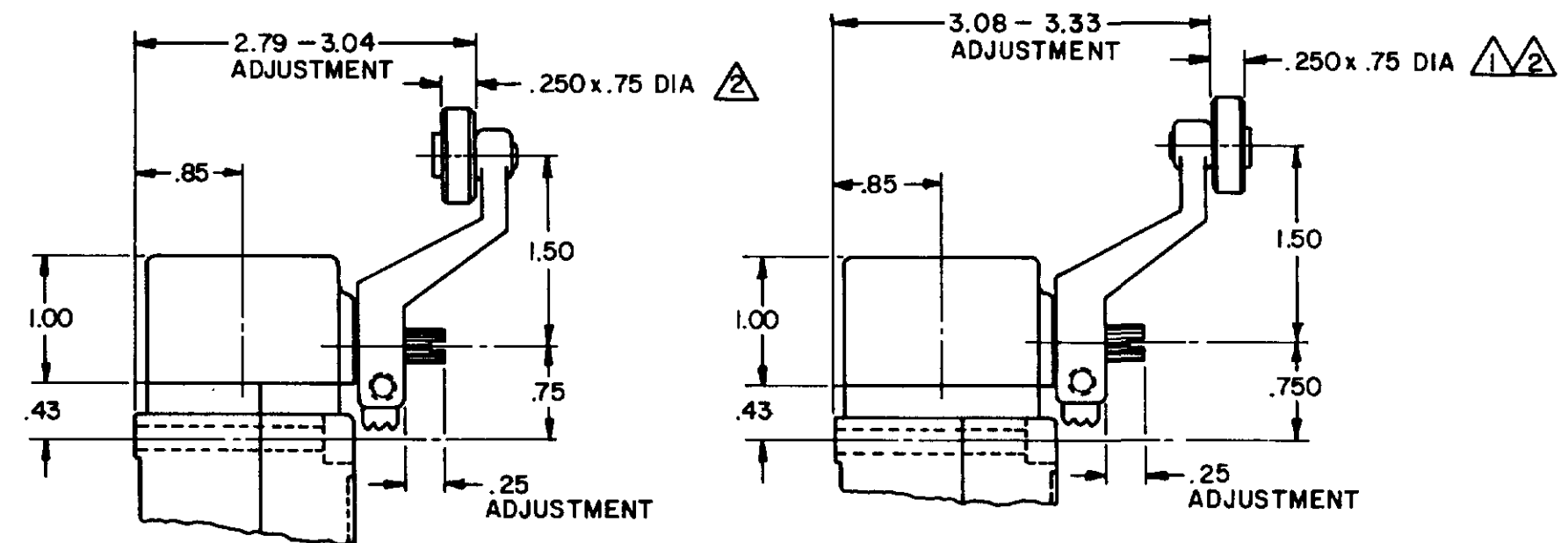
ONE PLACE	(.0)	$\pm .030$
TWO PLACES	(.00)	$\pm .015$
THREE PLACES	(.000)	$\pm .005$
ANGLES		$\pm$

WEIGHT

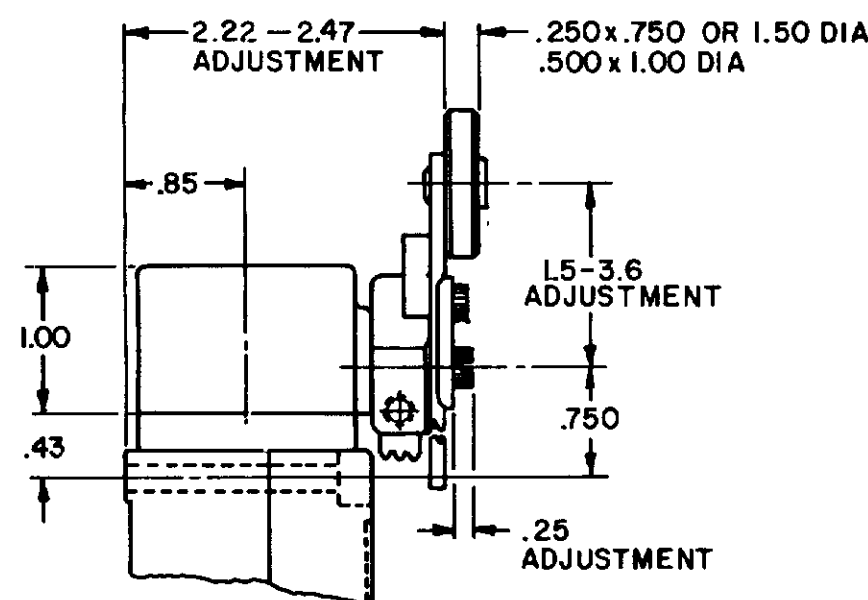
SIDE ROTARY CAM TRACKING



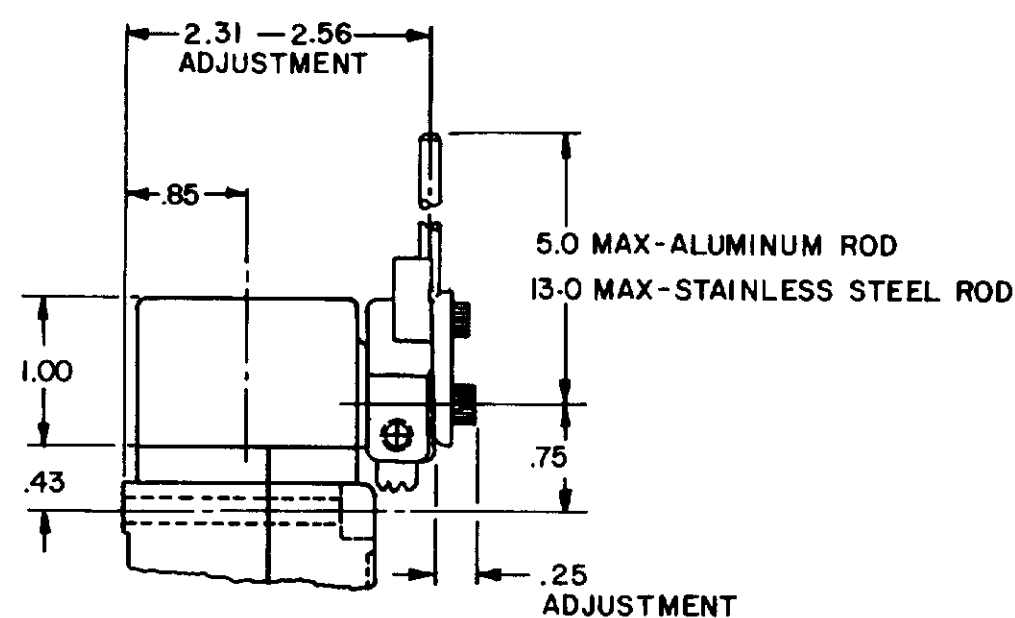
LSZ51 TYPE LEVERS



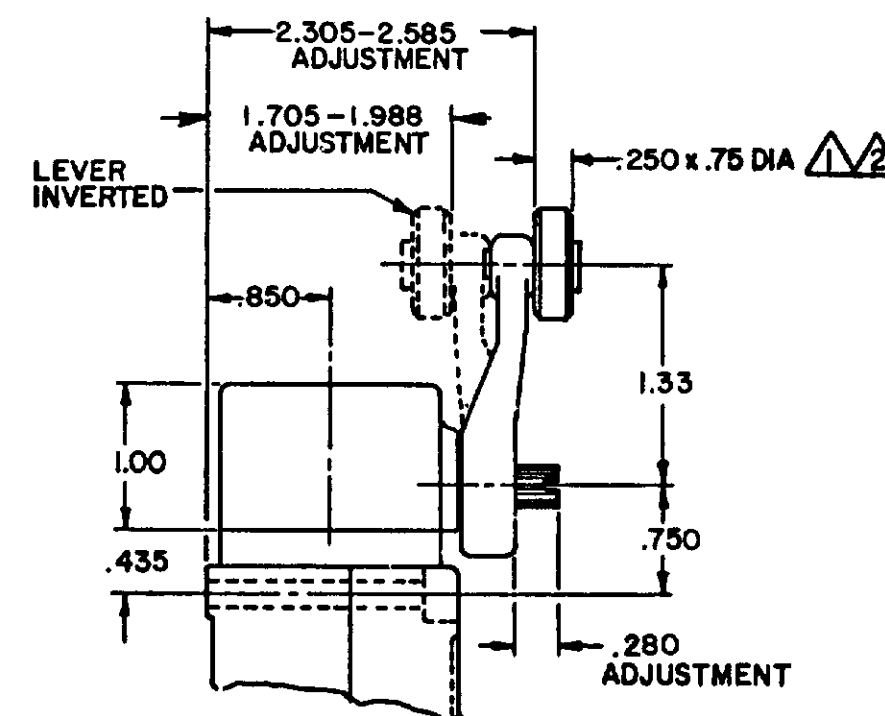
LSZ55 TYPE LEVERS



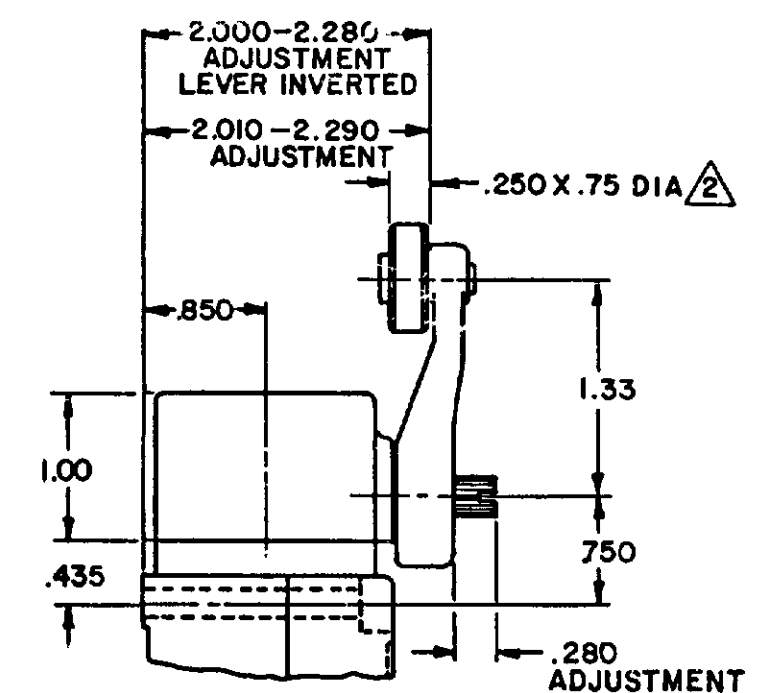
LSZ52 TYPE LEVER



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

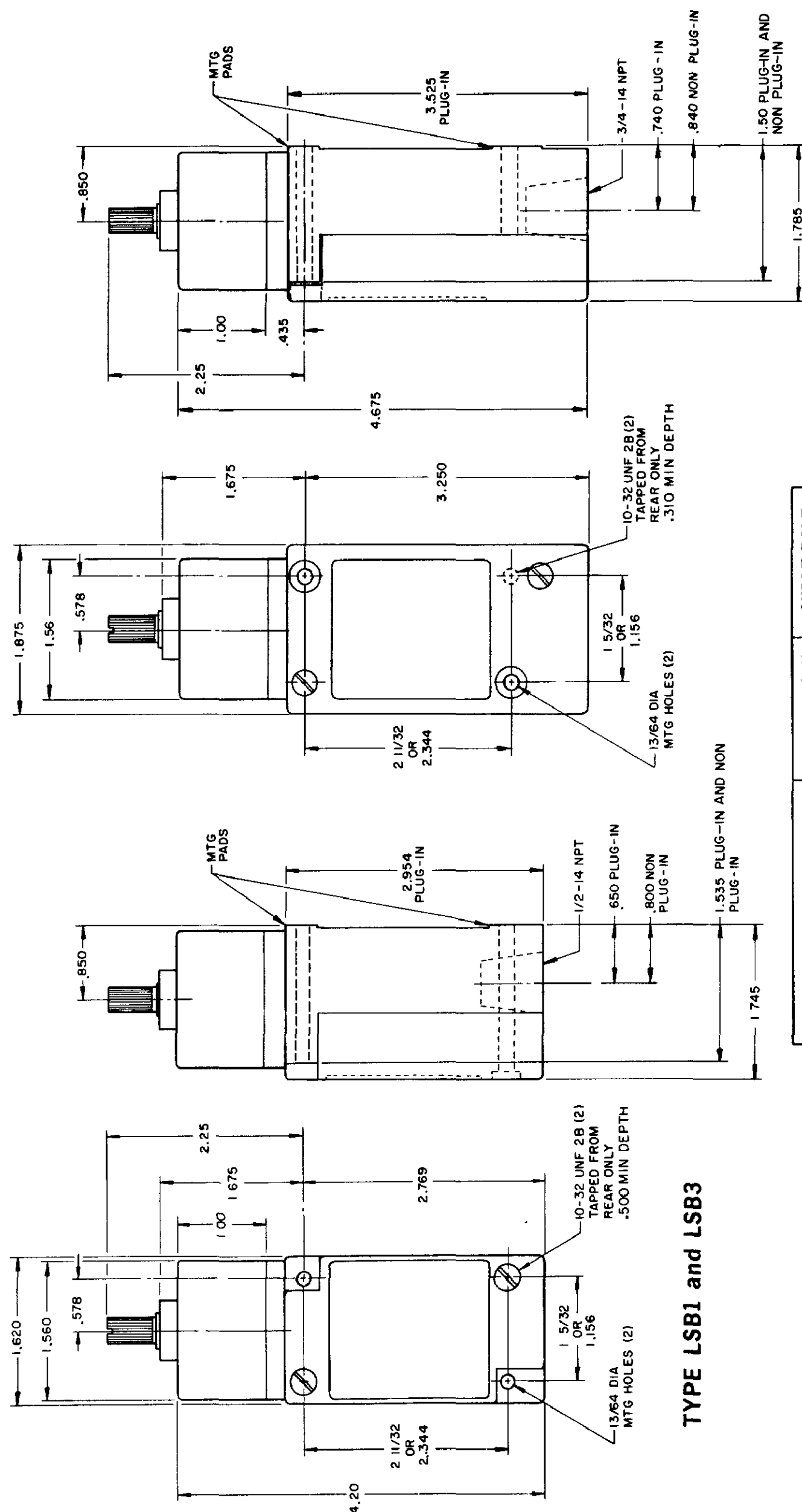
REV	DATE	BY	CHK	DESCRIPTION
1	0031956			
2	10JUL07	BS		
3	201004	B		
4	10AUG00	C SL		
5	201748	C		
6	17NOV00	C SL		
7	202198	D		
8	20JAN01	E		
9	204871	F		
10	206581	F		
11	14OCT02	G		
12	206763	G		
13	31OCT02	H		
14	207178	H		
15	14JAN03	J		
16	207474	J		
17	18FEB03	K		
18	0006871	K		

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			
		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

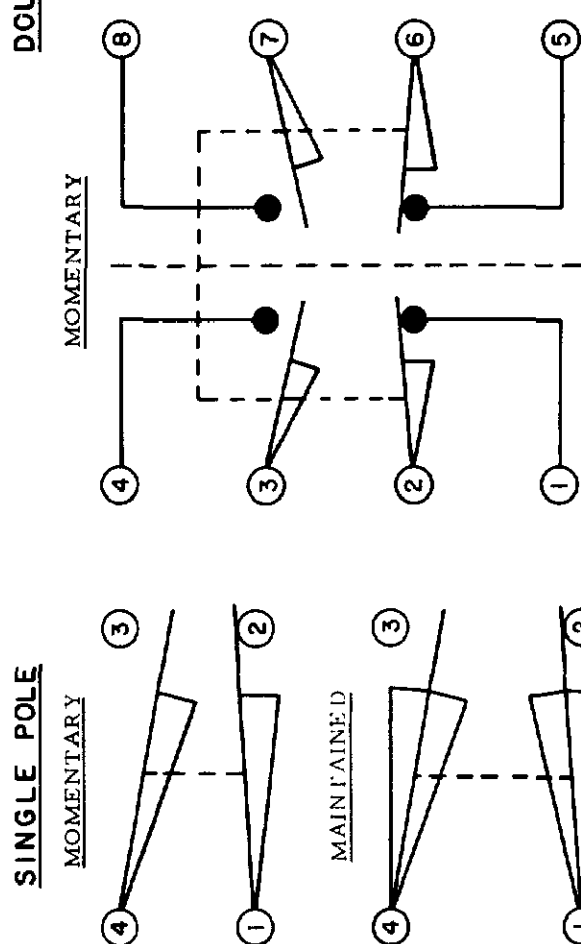
VOLTAGE	
5 AC OR DC MIN	01 AMP MIN
600 AC	720 VA
240 DC	30 WATT

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

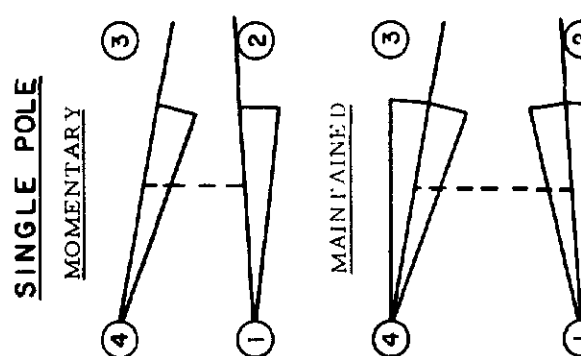
D. C. VOLTAGE	MAKE AND BREAK AMPS	
	INDUCTIVE	RESISTIVE
30	4.2	4.2
120	1.1	1.1
240	.55	.55

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

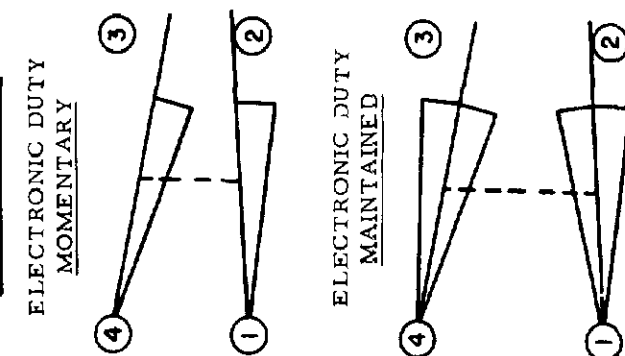
DOUBLE POLE



SINGLE POLE



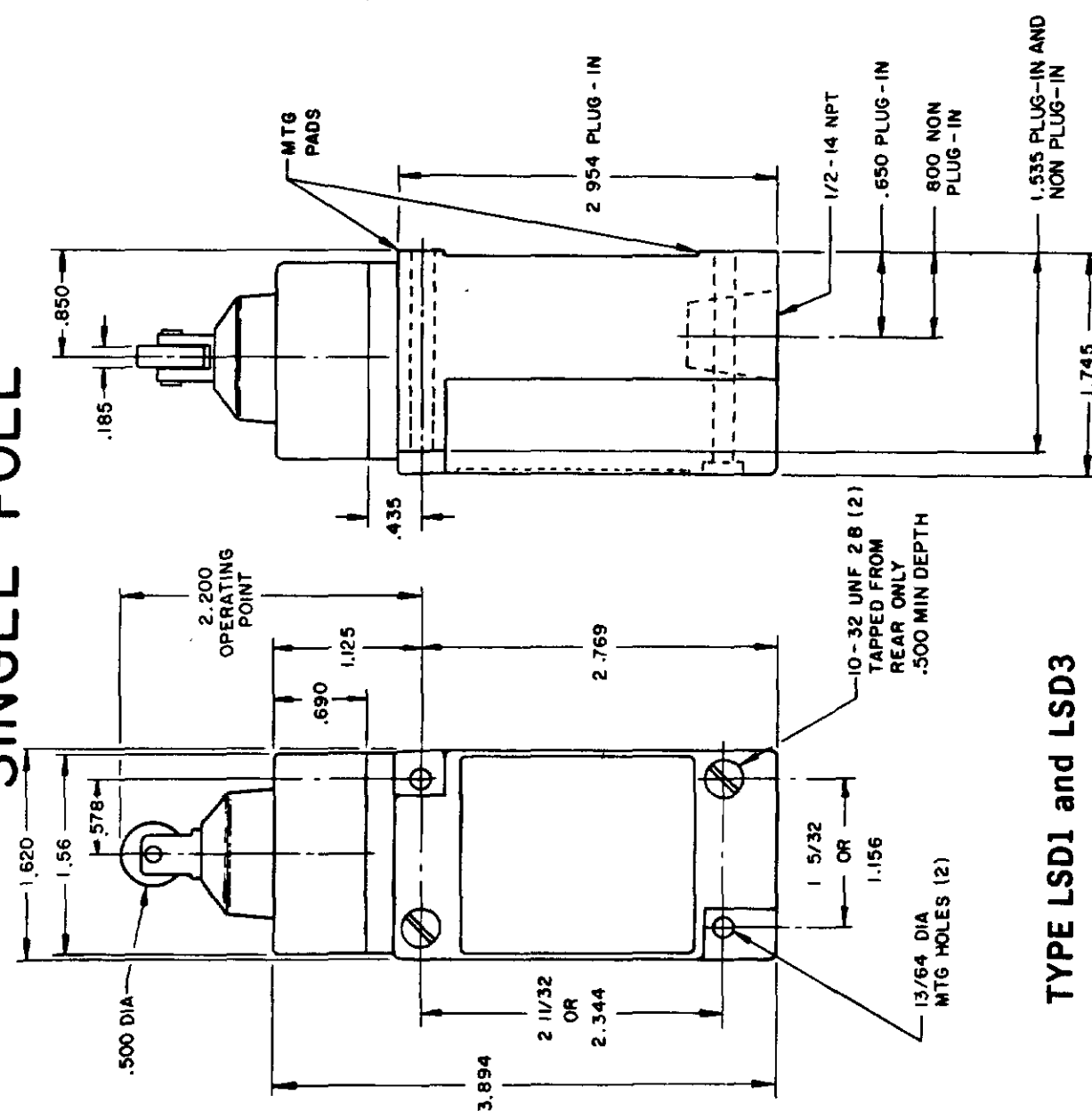
SINGLE POLE



DIRECT ACTING

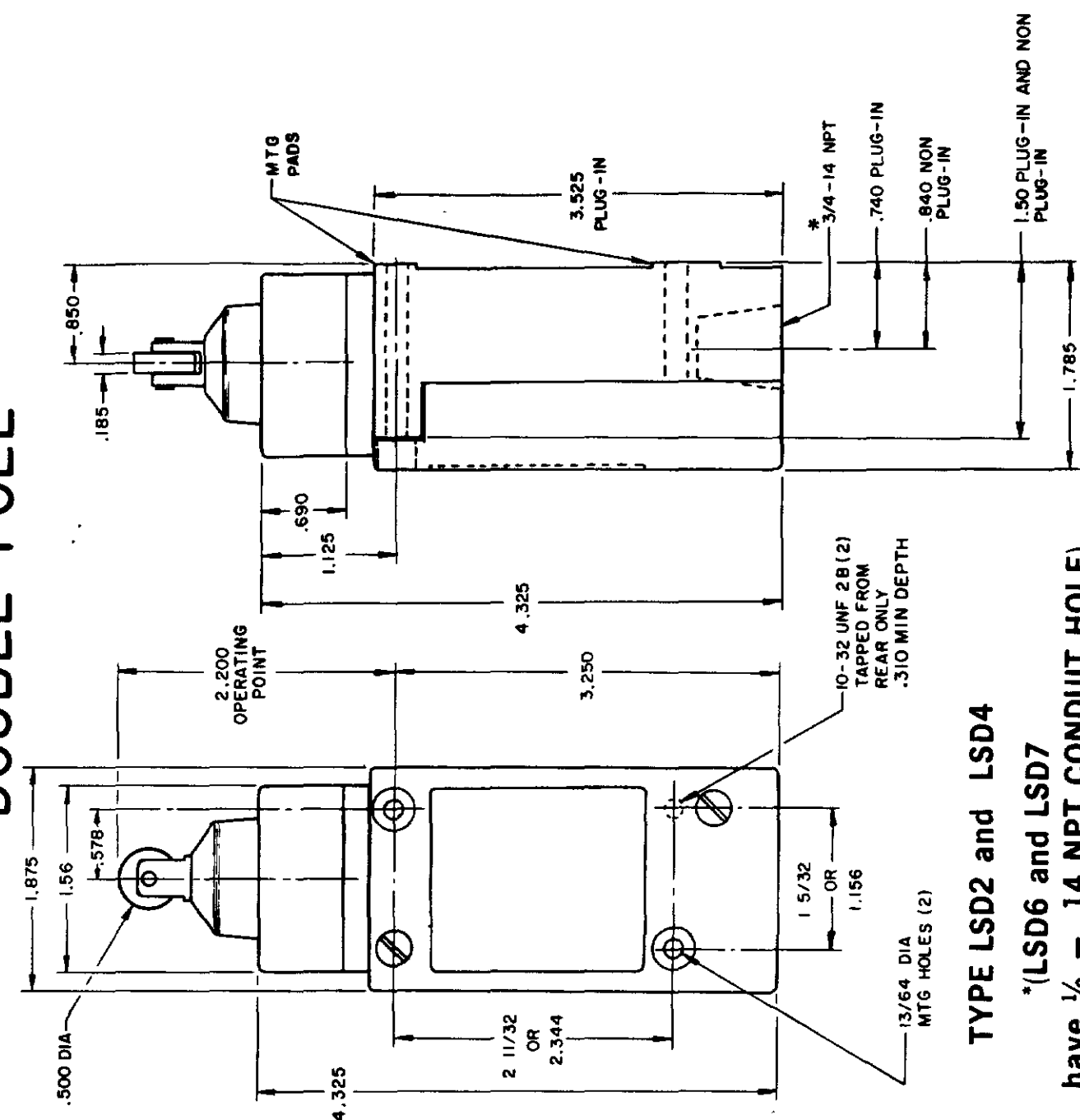


SINGLE POLE



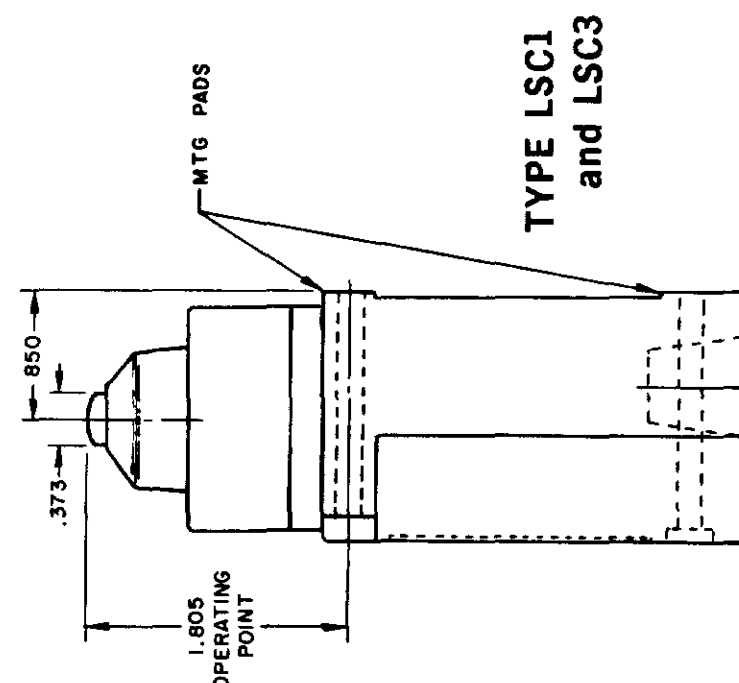
TYPE LSD1 and LSD3

DOUBLE POLE

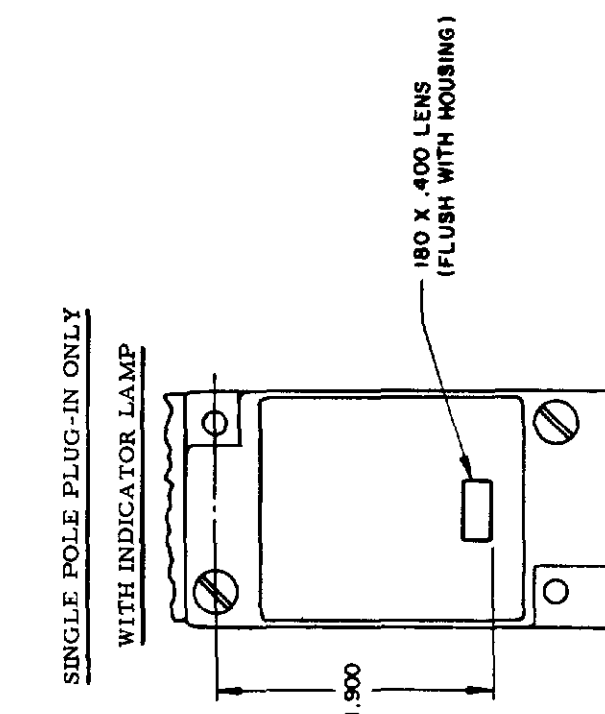


TYPE LSD2 and LSD4

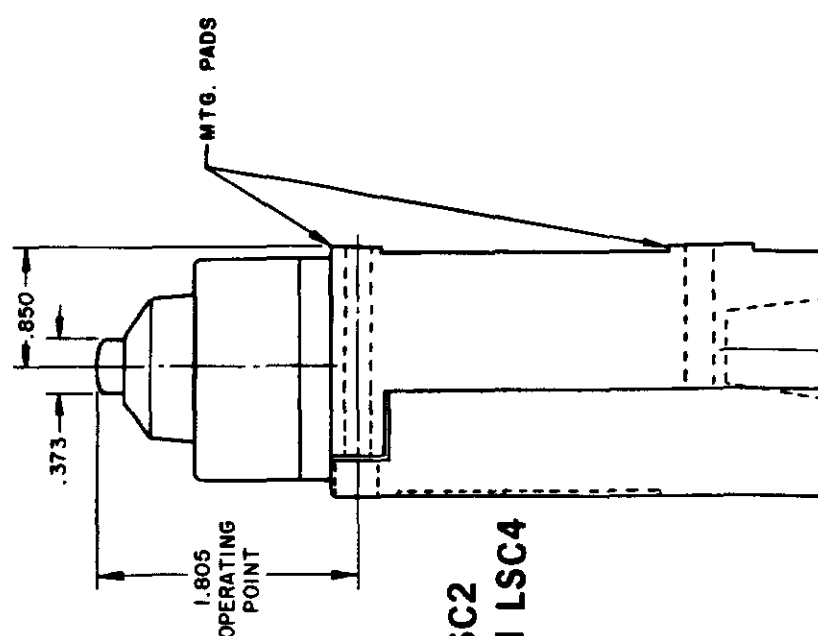
*(LSD6 and LSD7 have 1/2 - 14 NPT CON



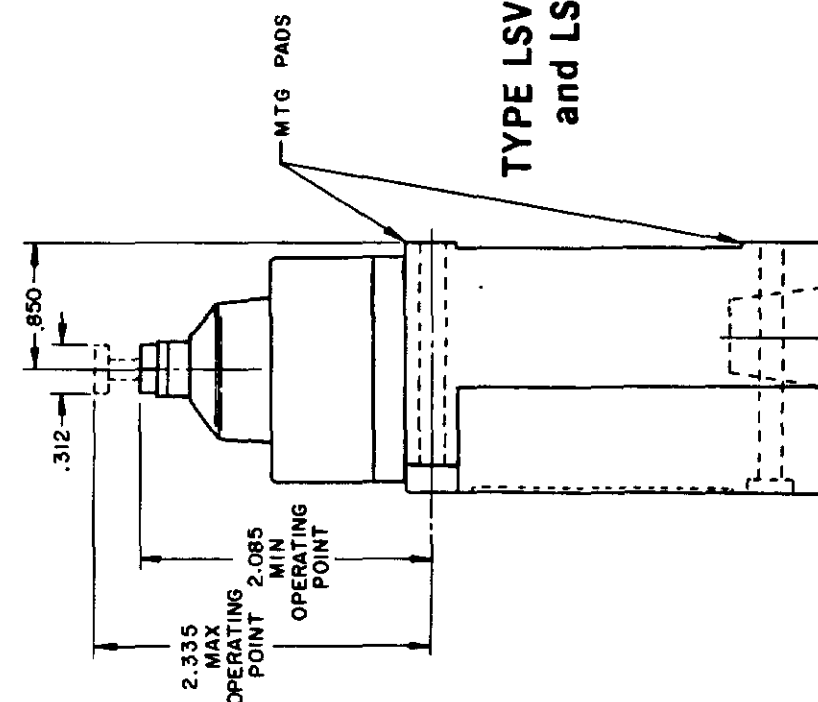
TYPE LSC1 and LSC3



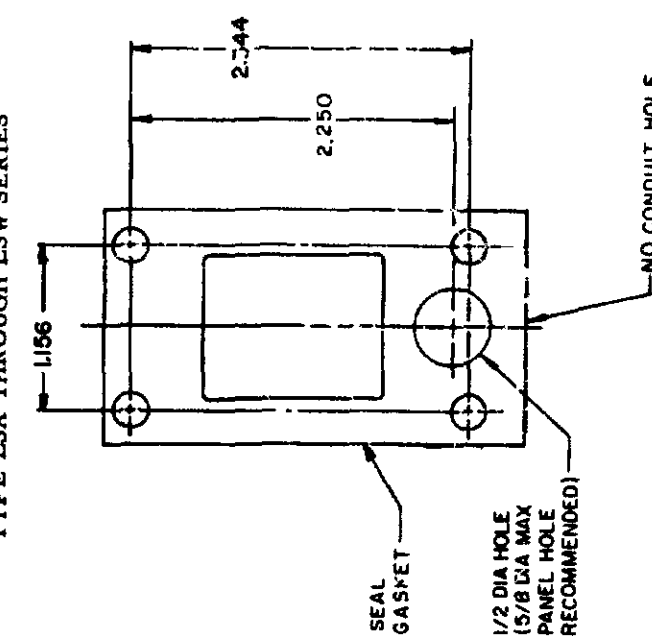
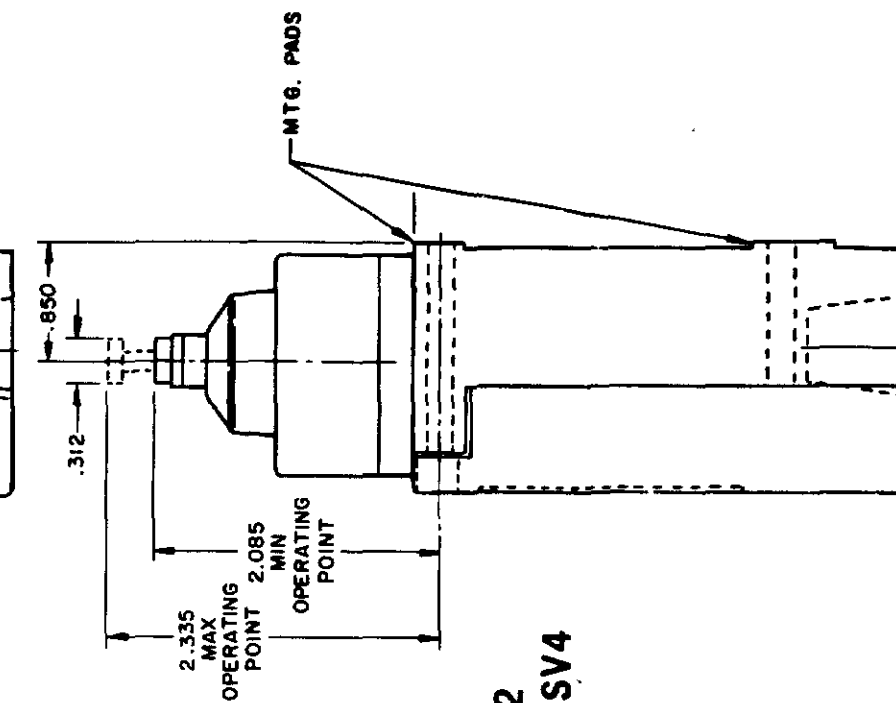
**TYPE LSC2
and LSC4**



**TYPE LSV1
and LSV3**



**TYPE LSV2
and LSV4**



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MICRO SWITCH
a Honeywell Division

FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING

LSA-LSW SERIES

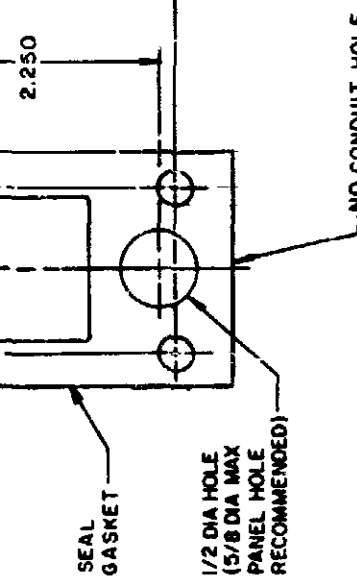
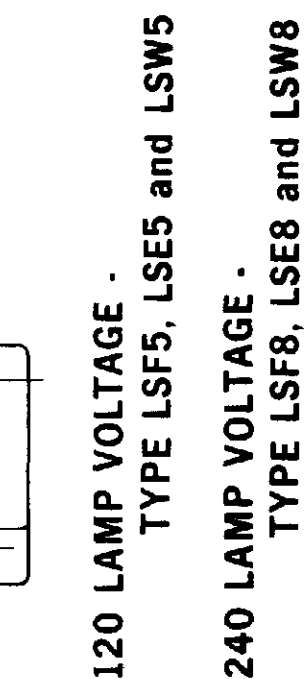
CHART 1

PAGE 4 OF 10

SCALE NONE

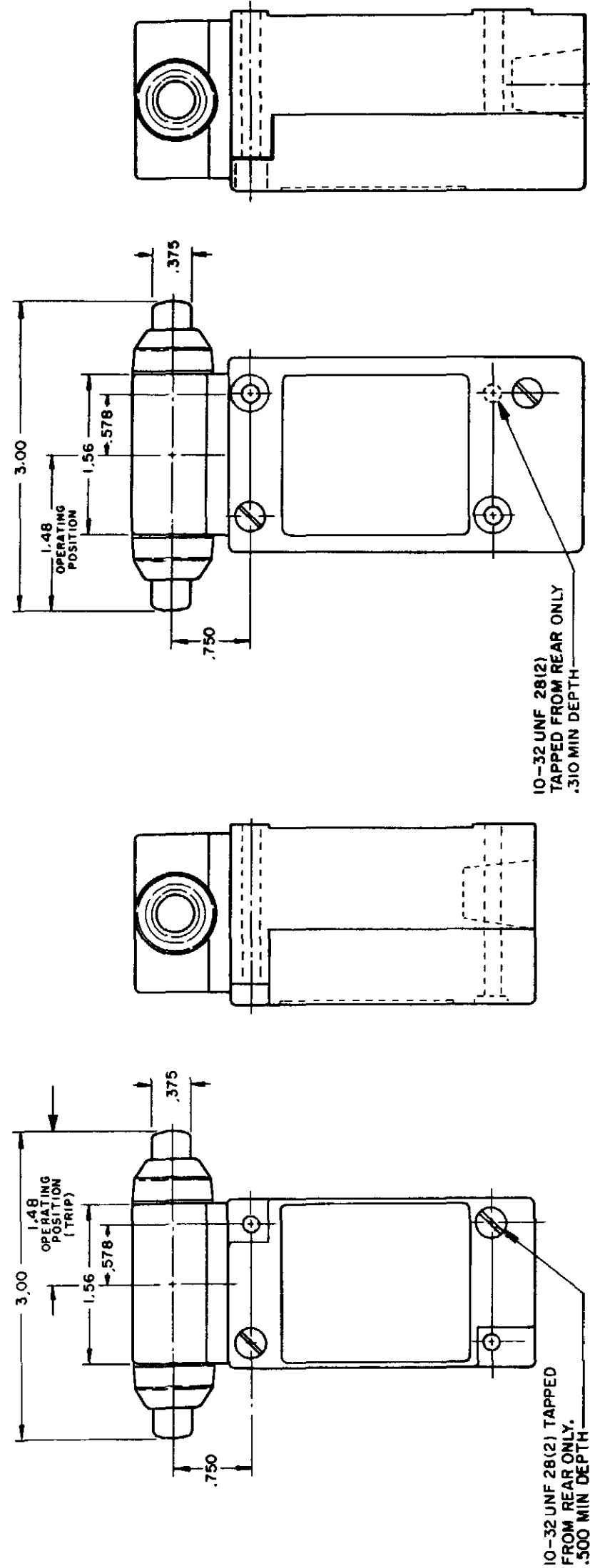
DO NOT SCALE PRINT

SINGLE POLE DOUBLE POLE



SCALE NONE

DO NOT SCALE PRINT



TYPE LSG1 and LSG3

TYPE LSG2 and LSG4

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

OPERATING POINT GIVEN IN RELATION TO TOP MOUNTING HOLE										TOP PLUNGER TYPES									
CHARACTERISTICS		LSC PLUNGER		LSD ROLLER PLUNGER		LSV ADJ PLUNGER		SEQUENCE BASIC											
PRETRAVEL (MAX)		.070		.070		.070		LSC	LSD	LSV									
DIFFERENTIAL TRAVEL (MAX)		SINGLE POLE .015		DOUBLE POLE .020		SINGLE POLE .015		1ST STEP .070											
OVERTRAVEL (MIN)		.190		.190		.190		2ND STEP .016 MIN ADD'L											
OPERATING FORCE (MAX)		4 LBS		4 LBS		4 LBS		.015 EACH STEP											
OPERATING POINT		1.805 ± .030		2.200 ± .040		2.085 MIN		1ST STEP											
FULL OVERTRAVEL FORCE (MAX)		7 LBS		7 LBS		7 LBS		1.815±.030				2.210±.040							
OPERATING POINT GIVEN IN RELATION TO CENTER OF HEAD										SIDE PLUNGER TYPES									
CHARACTERISTICS		LSE PLUNGER		LSF ROLLER PLUNGER		LSW ADJ PLUNGER		LSG PLUNGER MAINTAINED		SEQUENCE BASIC									
PRETRAVEL (MAX)		.100		.100		.100		.170		LSE	LSF	LSW							
DIFFERENTIAL TRAVEL (MAX)		.045		.045		.045		.090		1ST STEP .100									
OVERTRAVEL (MIN)		.190		.190		.190		.080		2ND STEP .020 MIN ADD'L									
OPERATING FORCE (MAX)		6 LBS		6 LBS		6 LBS		10 LBS		.025 EACH STEP									
OPERATING POINT		1.300 ± .030		1.735 ± .040		ADJUSTABLE FROM 1.615 MIN		1.480 ± .030		1ST STEP									
FULL OVERTRAVEL FORCE (MAX)		6 LBS		6 LBS		6 LBS		10 LBS		1.310±.030				1.745±.040					

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MICRO SWITCH

a Honeywell Division

FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING

LSA-LSW SERIES

CHART 1

SCALE NONE

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED

TOLERANCES ARE

ONE PLACE (.0)

TWO PLACE (.001)

THREE PLACE (.000)

ANGLES

WEIGHT

OPERATING POINT GIVEN IN RELATION TO TOP MOUNTING HOLE

TOP PLUNGER TYPES

OPERATING POINT GIVEN IN RELATION TO CENTER OF HEAD

SIDE PLUNGER TYPES

SEQUENCE BASIC

1ST STEP .070

2ND STEP .016 MIN ADD'L

.015 EACH STEP

1ST STEP

1.815±.030

2.210±.040

2.085 MIN

2.345 MAX

7 LBS

SEQUENCE BASIC

LSE

LSF

LSW

1ST STEP .100

2ND STEP .020 MIN ADD'L

.025 EACH STEP

.170

6 LBS

1ST STEP

1.310±.030

1.745±.040

1.625 MIN

1.875 MAX

6 LBS

SCALE NONE

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED

TOLERANCES ARE

ONE PLACE (.0)

TWO PLACE (.001)

THREE PLACE (.000)

ANGLES

WEIGHT

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MICRO SWITCH

a Honeywell Division

FED MFG CODE 91929

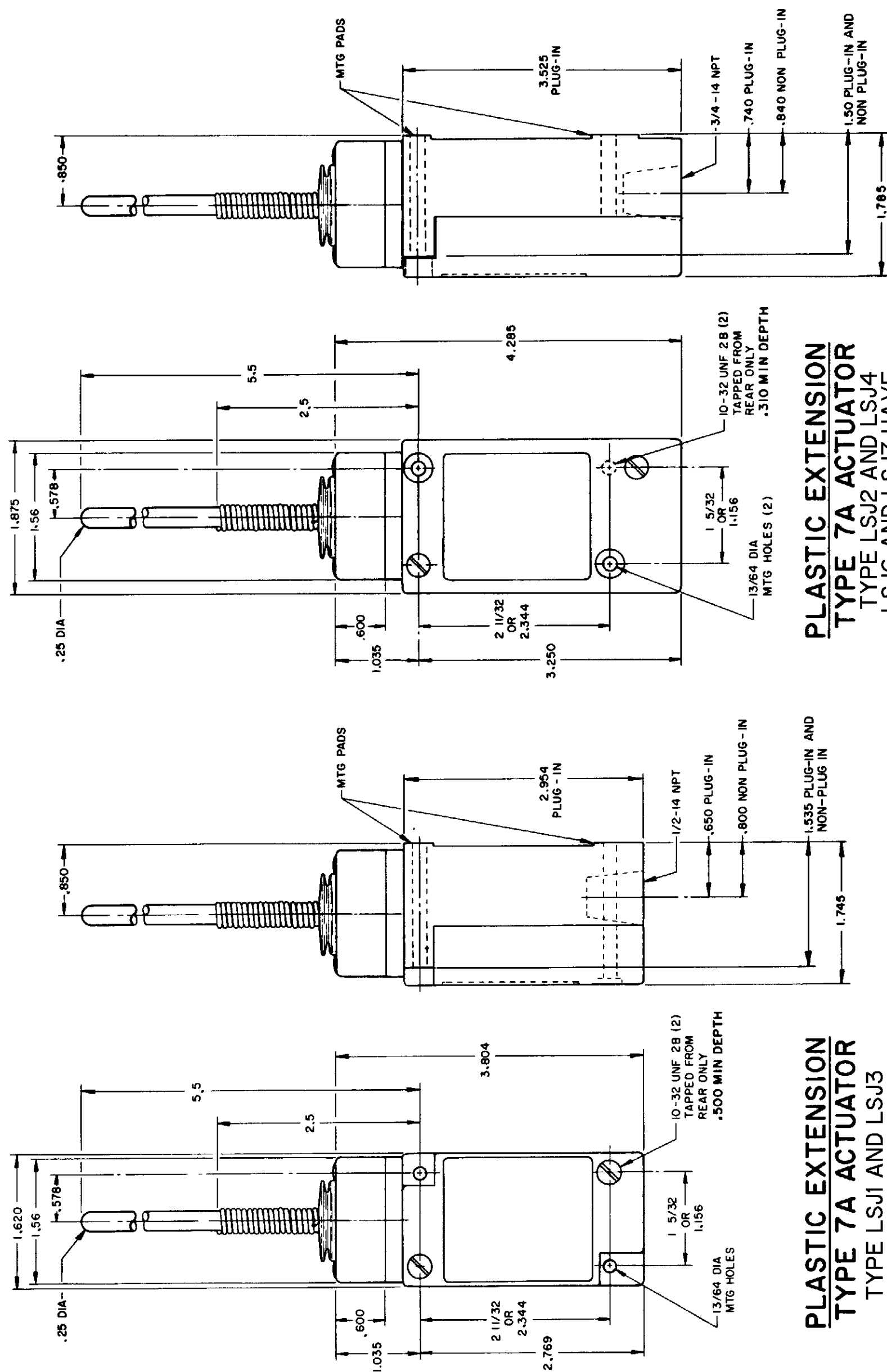
SWITCH - ENCLOSED

CATALOG LISTING

LSA-LSW SERIES

CHART 1

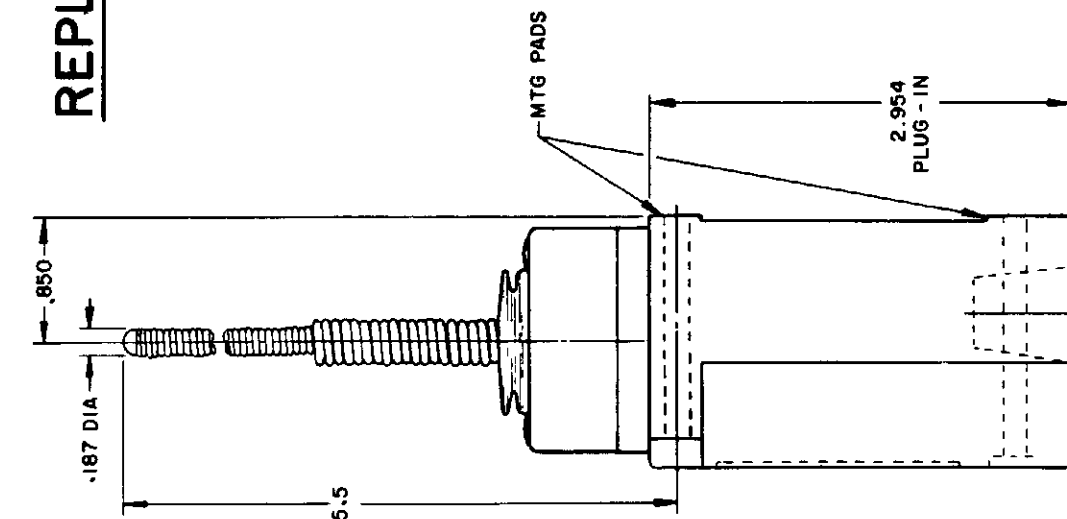
WOBBLE STICK DOUBLE POLE



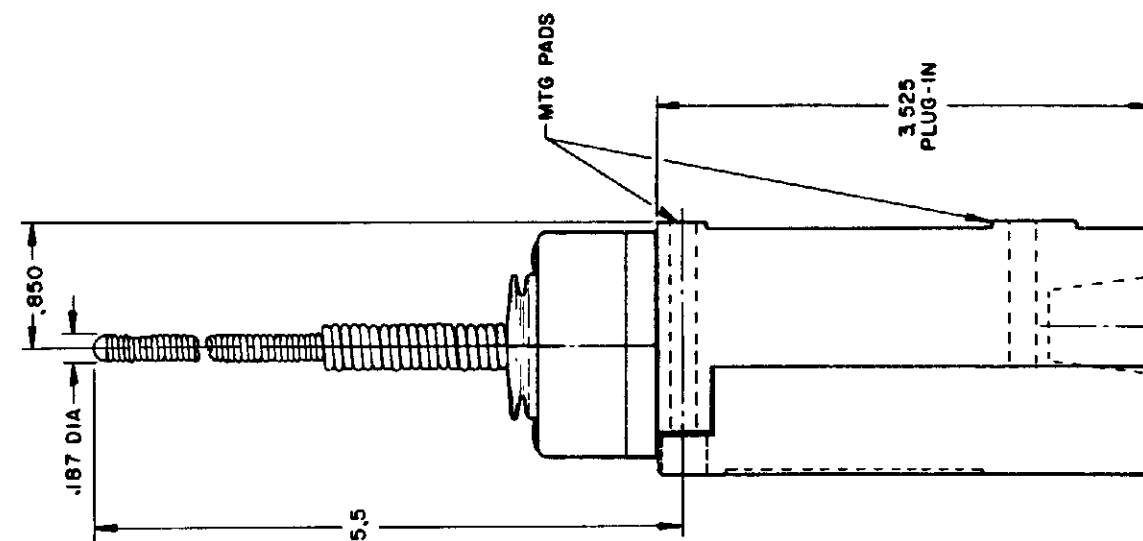
PLASTIC EXTENSION
TYPE 7A ACTUATOR
TYPE LSJ1 AND LSJ3

PLASTIC EXTENSION
TYPE 7A ACTUATOR
TYPE LSJ2 AND LSJ4
LSJ6 AND LSJ7 HAVE
1/2 - 14 NPT CONDUIT HOLE

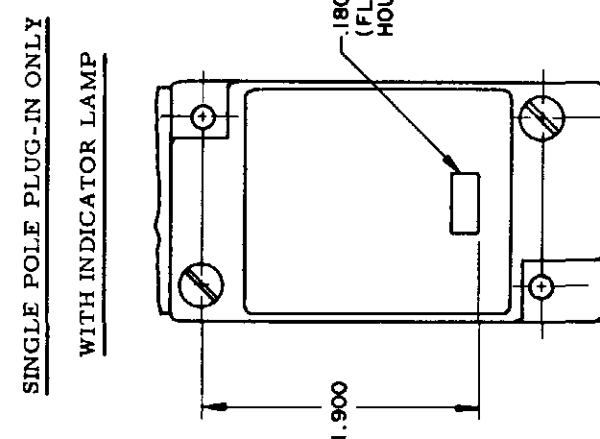
REPLACEMENT ACTUATOR
LSZ-4009



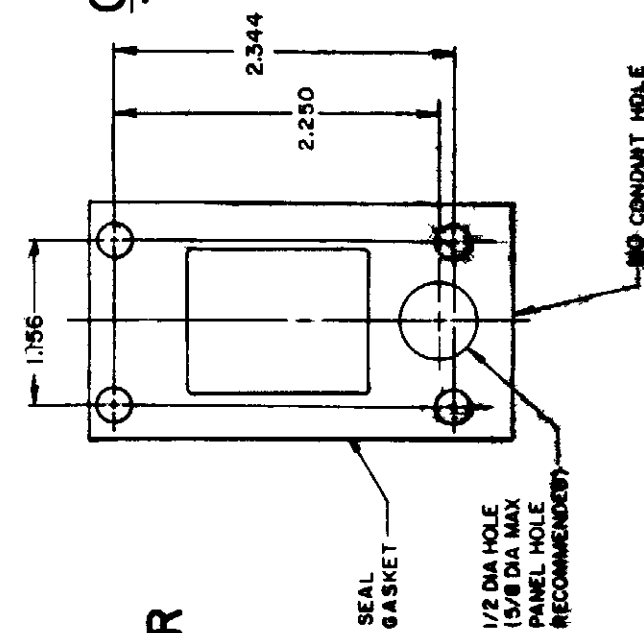
CABLE EXTENSION
TYPE 7 N ACTUATOR



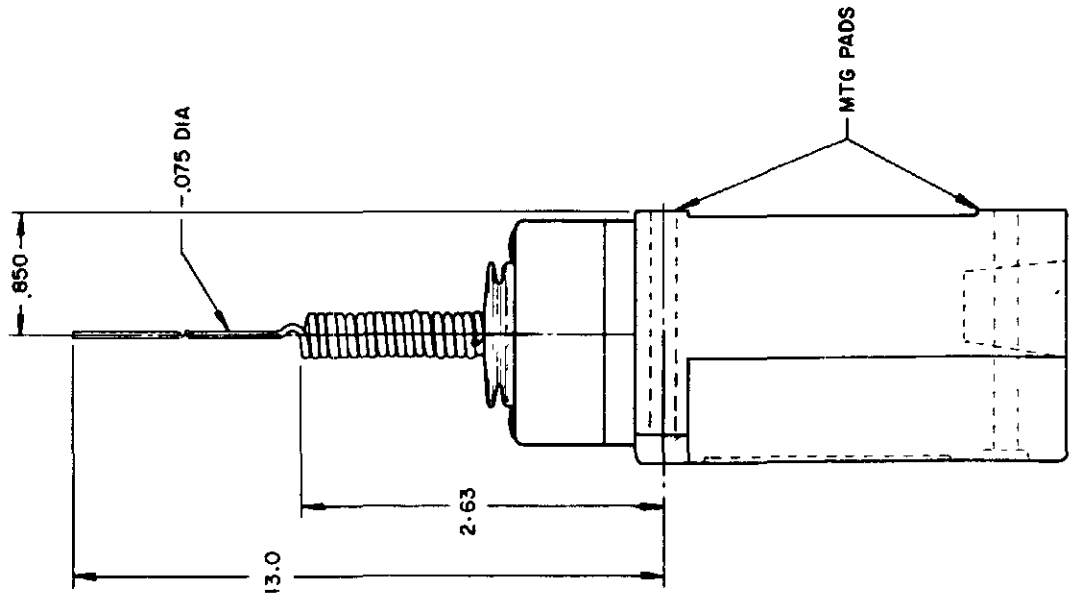
CABLE EXTENSION TYPE 7N ACTUATOR



120 LAMP VOLTAGE TYPE LSJ5
240 LAMP VOLTAGE TYPE LSJ8
24 LED VOLTAGE TYPE LSJ9



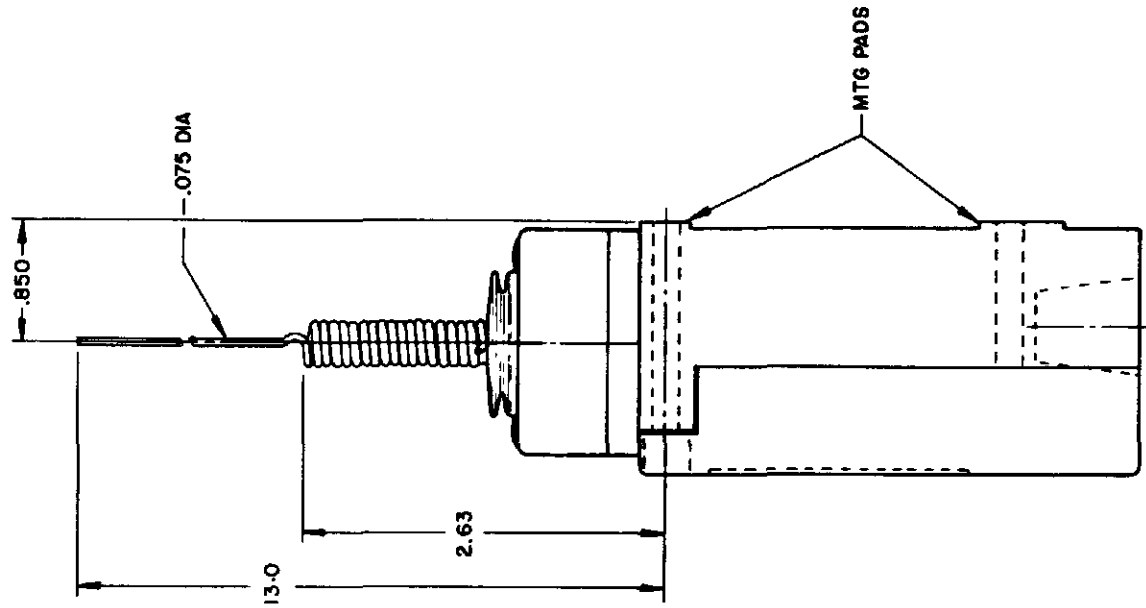
REPLACEMENT ACTUATOR
LSZ-40||



WIRE EXTENSION TYPE 7M ACTUATOR

TYPE LSJ1 and LSJ3

REPLACEMENT ACTUATOR - LSZ 4010

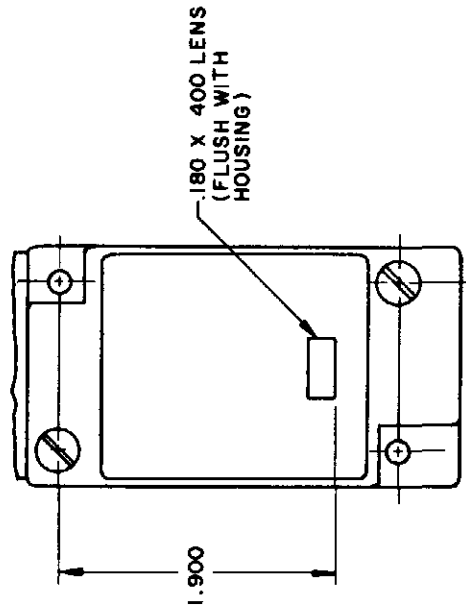


WIRE EXTENSION TYPE 7M ACTUATOR

TYPE LSJ2 and LSJ4

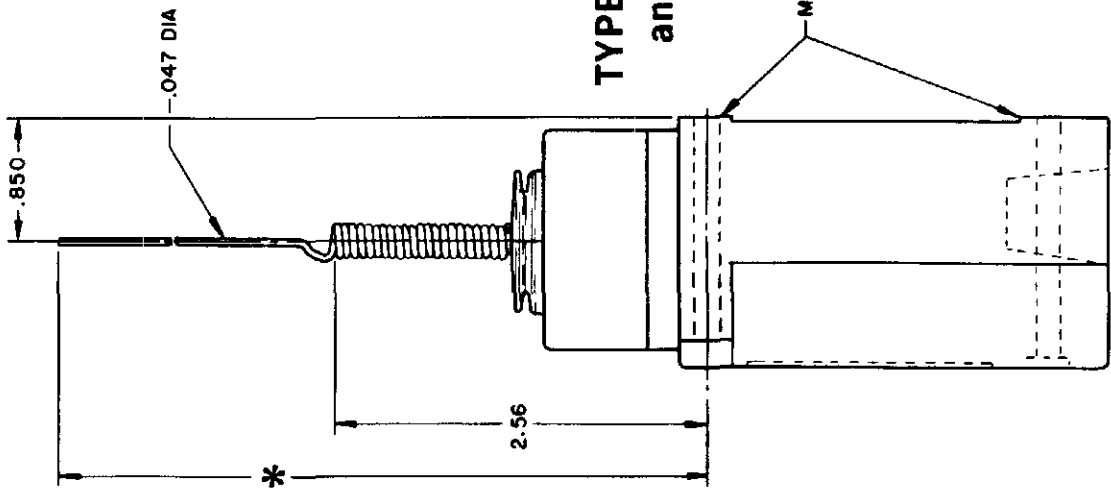
LSJ6 and LSJ7 have 1/2 - 14 NPT CONDUIT HOLE

SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



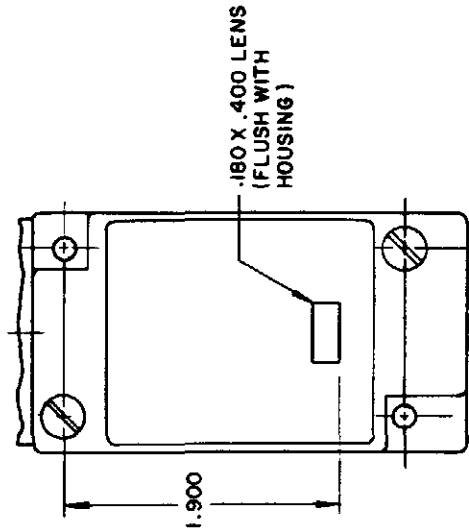
120 LAMP VOLTAGE TYPE LSJ5
240 LAMP VOLTAGE TYPE LSJ8

SINGLE POLE



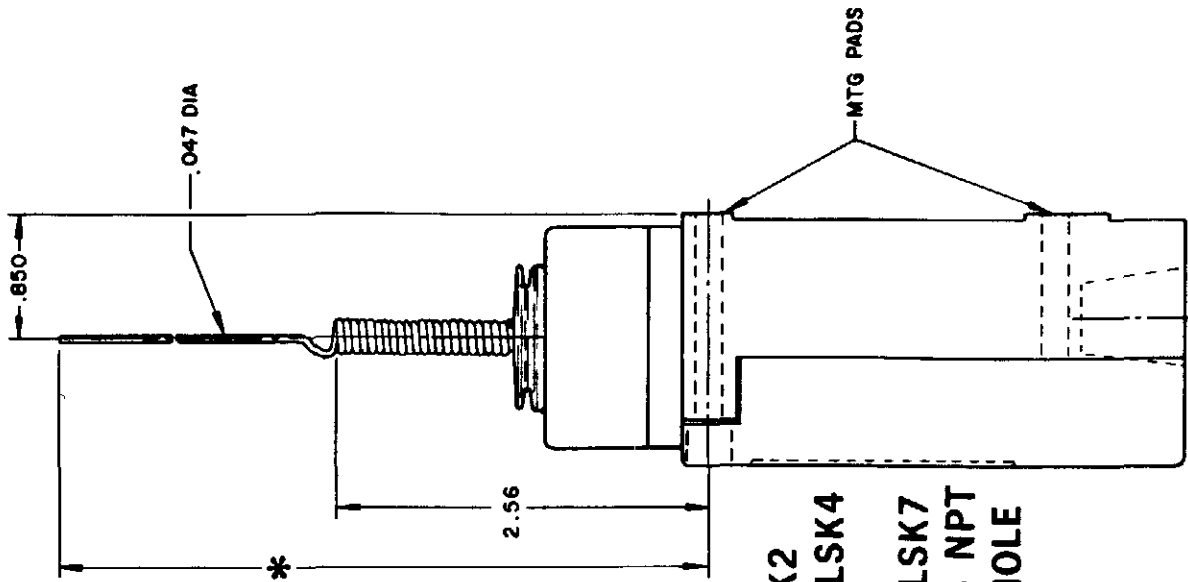
TYPE LSK1
and LSK3

SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



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

DOUBLE POLE



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

*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

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

SCALE NONE
DO NOT SCALE PRINT

PRETRAVEL (APPROX) IN. RADIUS	CAT. WHISKER		WOBBLE STICK	
	5/16" COIL	5/16" WIRE	7/16" WIRE	7/16" WIRE
	2	2	4.5	4.0
OPERATING FORCE-OZ (MAX)	7.0	5.0	3.0	7.0

REV	DATE	BY	CHKD	DESCRIPTION
L	0031956			BS
B	10JUL07			201004
C	201748			17 NOV 00
D	202198			23 JAN 01
E	204871			GJW FEB 02
F	206581			GLH 14 OCT 02
G	206763			CST 31 OCT 02
H	207179			GLT 14 JAN 03
J	207474			18 FEB 03
K	0006871			11 AUG 04

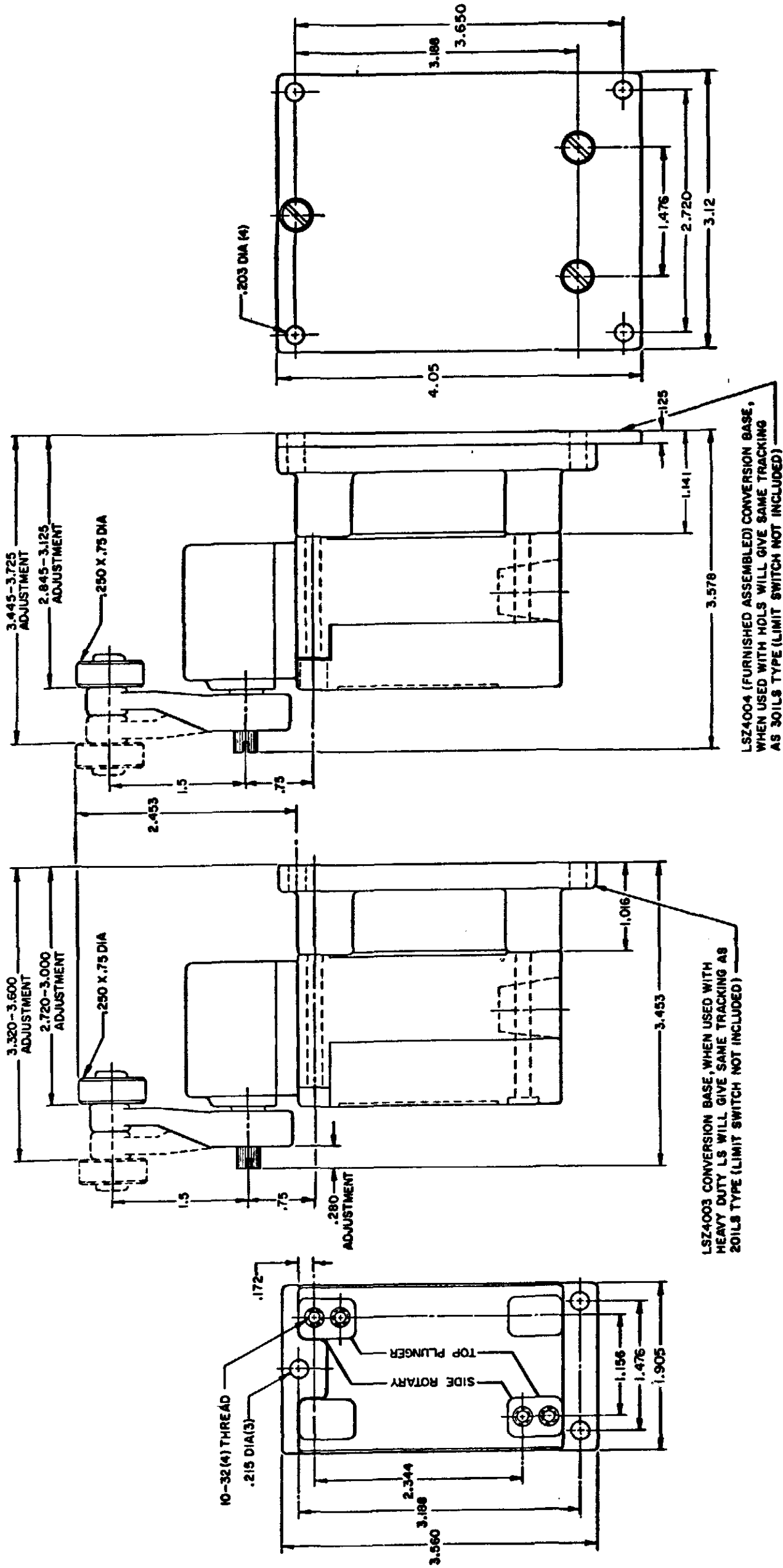
ISSUE	CATALOG LISTING	RELEASE NO	CO-78498	REPLACES	LSA-LSW SERIES
12	LSA-LSW SERIES CHART 1	10JUL07			
PSR					
15 JUN 94	11 AUG 04	11 JUL 94	11 JUL 94	11 JUL 94	11 JUL 94
MAM	15 JUN 94	11 AUG 04	11 JUL 94	11 JUL 94	11 JUL 94

RASTER
DRAWN

CONVERSION BASES

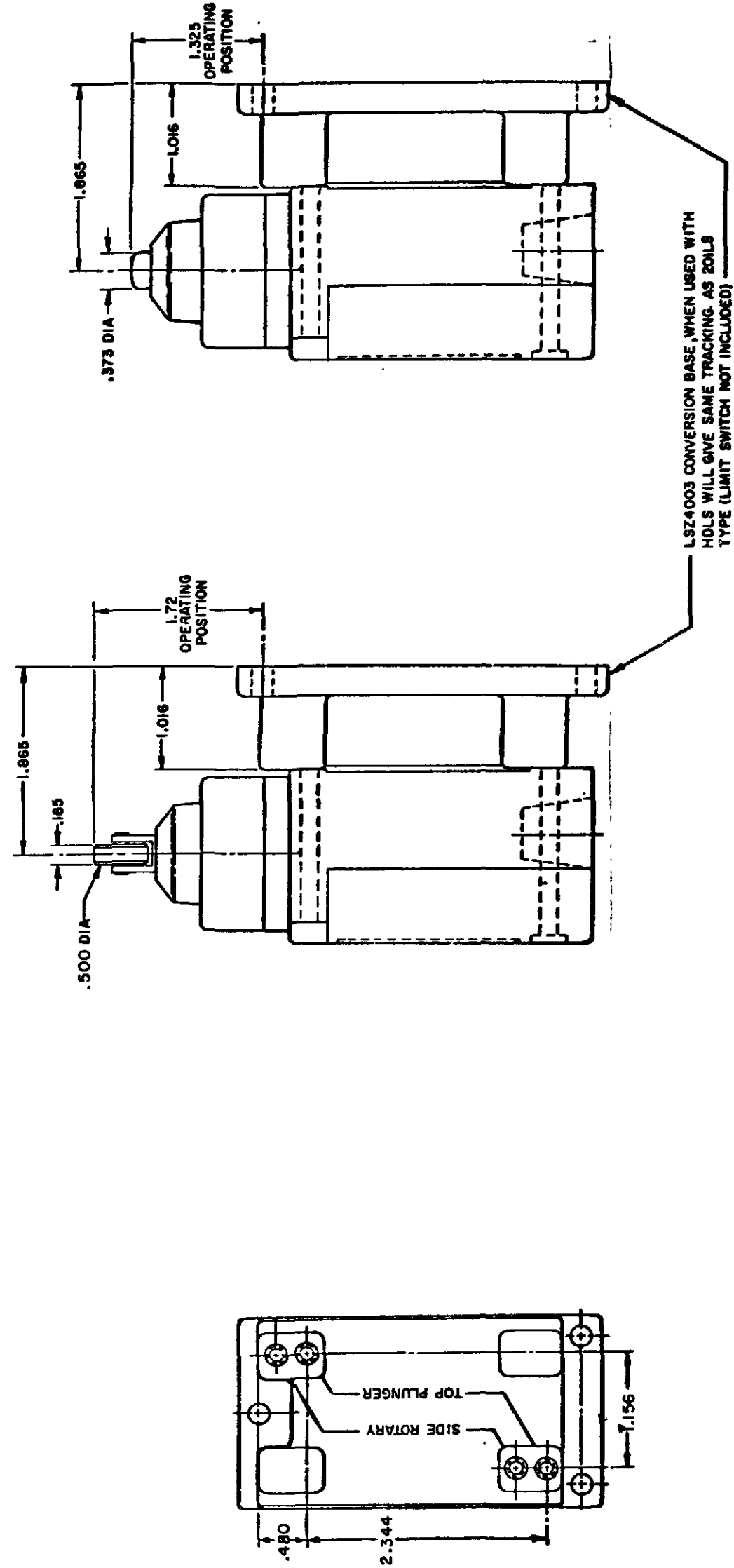
SINGLE POLE
(SIDE ROTARY)
LSZ 4003

DOUBLE POLE
(SIDE ROTARY)
LSZ4004



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

SINGLE POLE
TOP PLUNGER
LSZ4003



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

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SWITCH - ENCLOSED

CATALOG LISTING

LSA-LSW SERIES
CHART 1

SCALE FULL

DO NOT SCALE PRINT

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

SCALE

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

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9