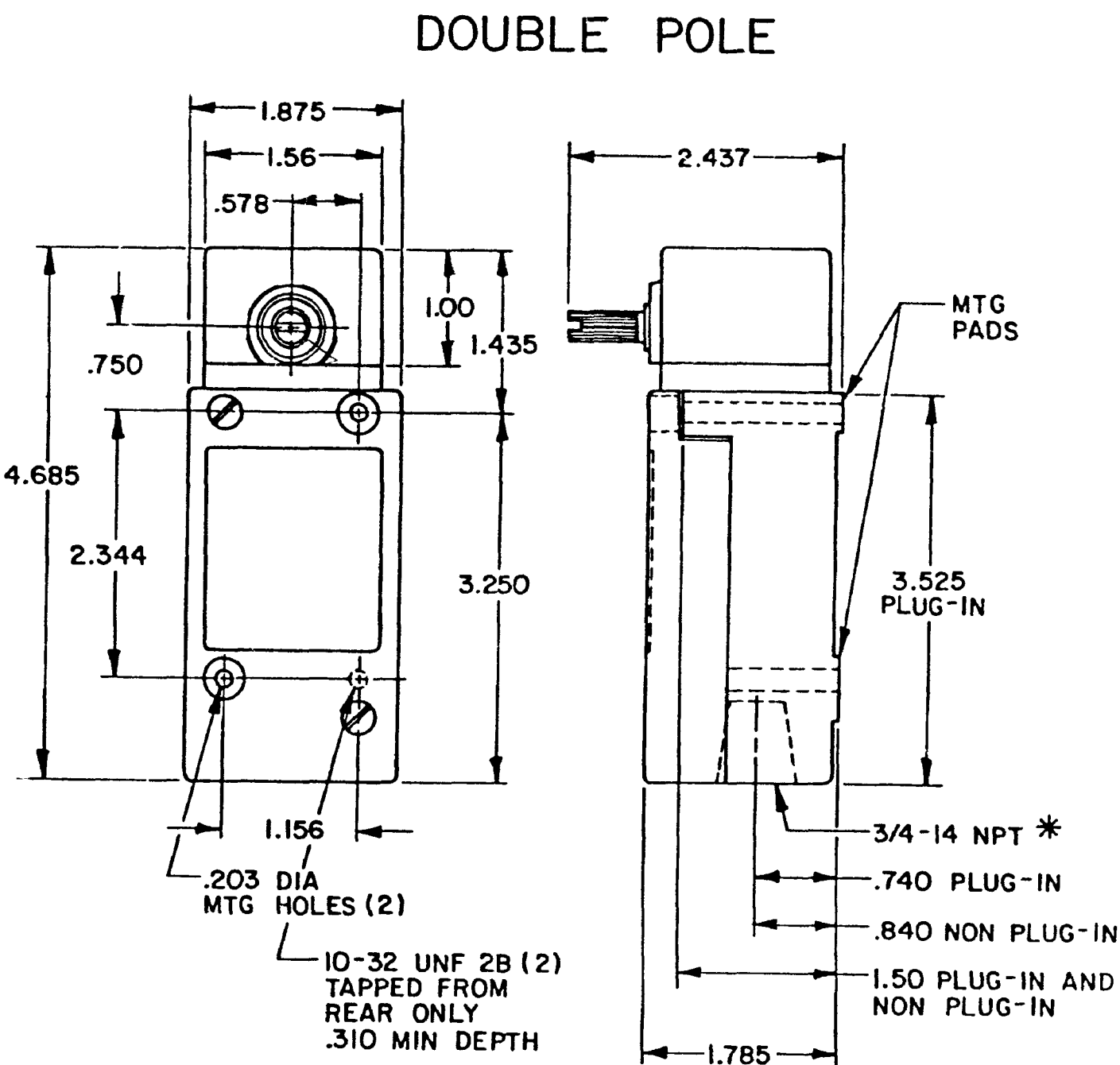


[illegible]

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

OPERATING DATA-SIDE ROTARY

INITIAL POSITION

P.T.

PRETRAVEL

DIFFERENTIAL TRAVEL

OVERTRAVEL

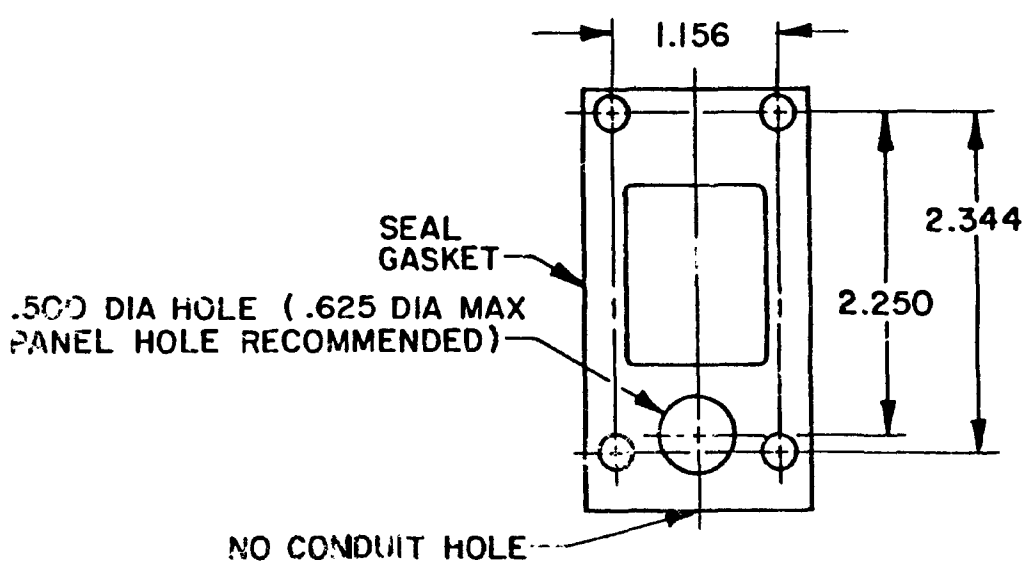
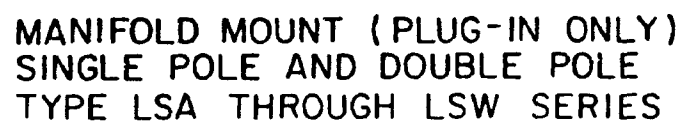
O.T.

D.T.

R.T.

RELEASE TRAVEL

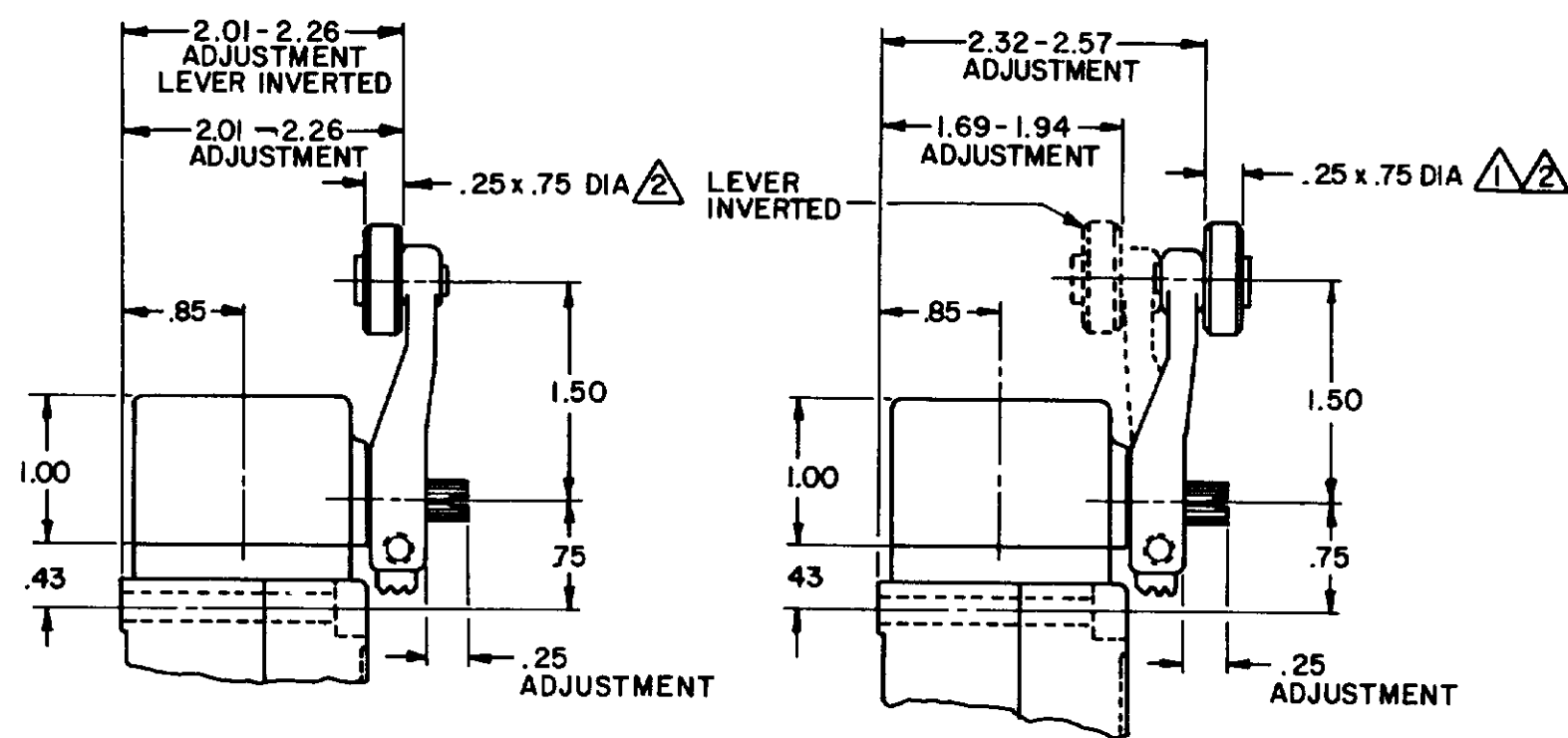
OPERATING DATA  
SIDE ROTARY-GRAVITY RETURN



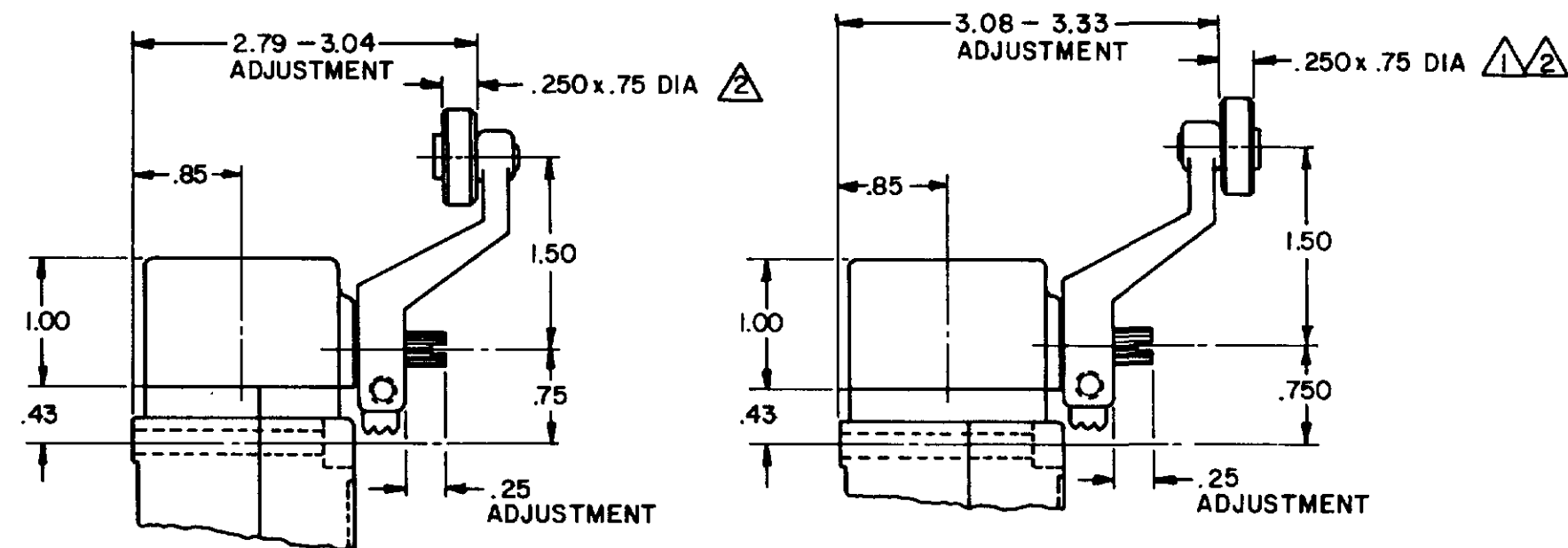
|                                                                                                                                                                                     |                          |                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------|
| 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. |                          |                                          |
| <b>MICRO SWITCH</b><br>a Honeywell Division<br>FED. MFG. CODE 91929                                                                                                                 | <b>SWITCH - ENCLOSED</b> | CATALOG LISTING<br><b>LSA-LSW SERIES</b> |
|                                                                                                                                                                                     |                          | <b>CHART 1</b>                           |

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

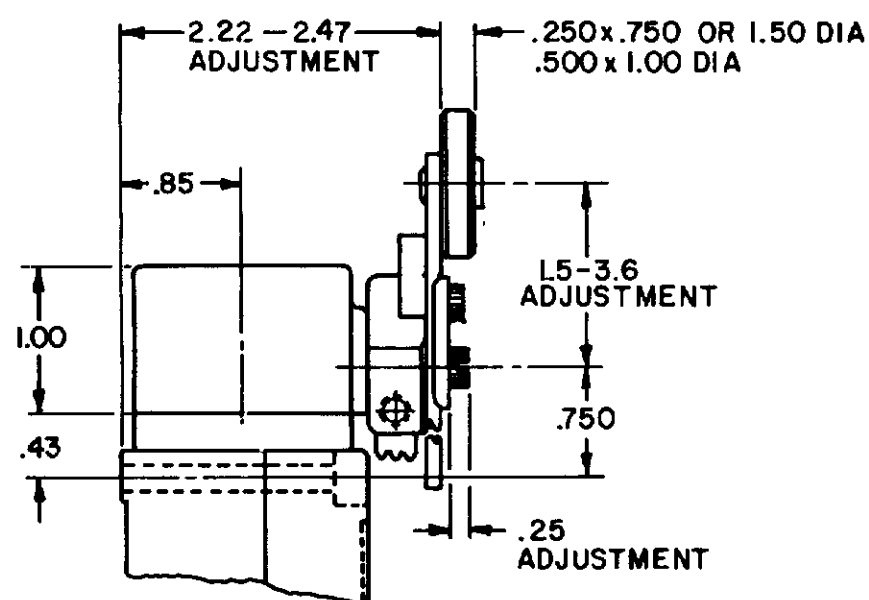
# SIDE ROTARY CAM TRACKING



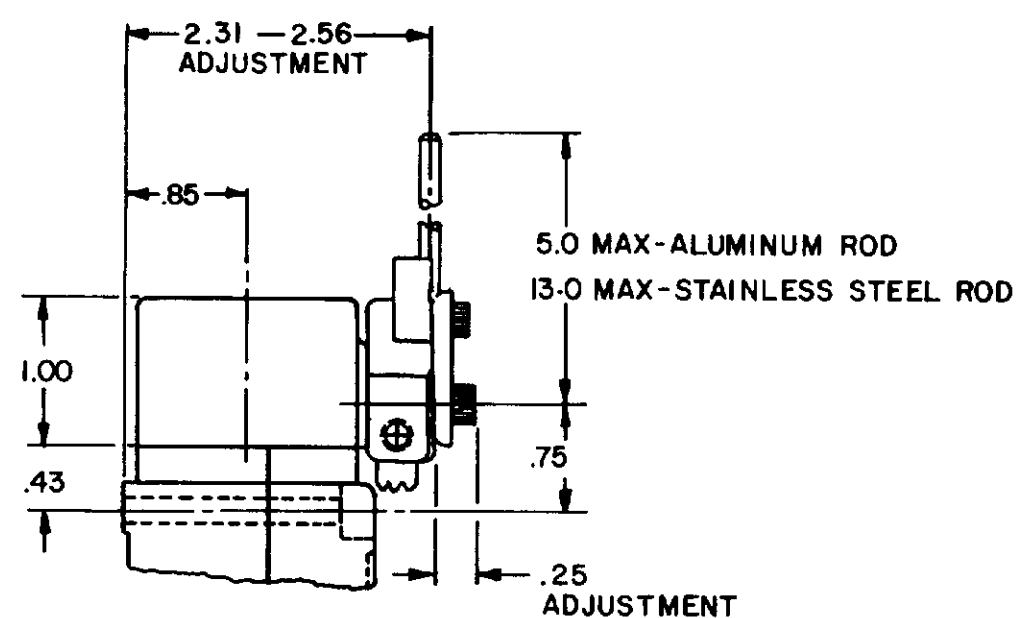
LSZ51 TYPE LEVERS



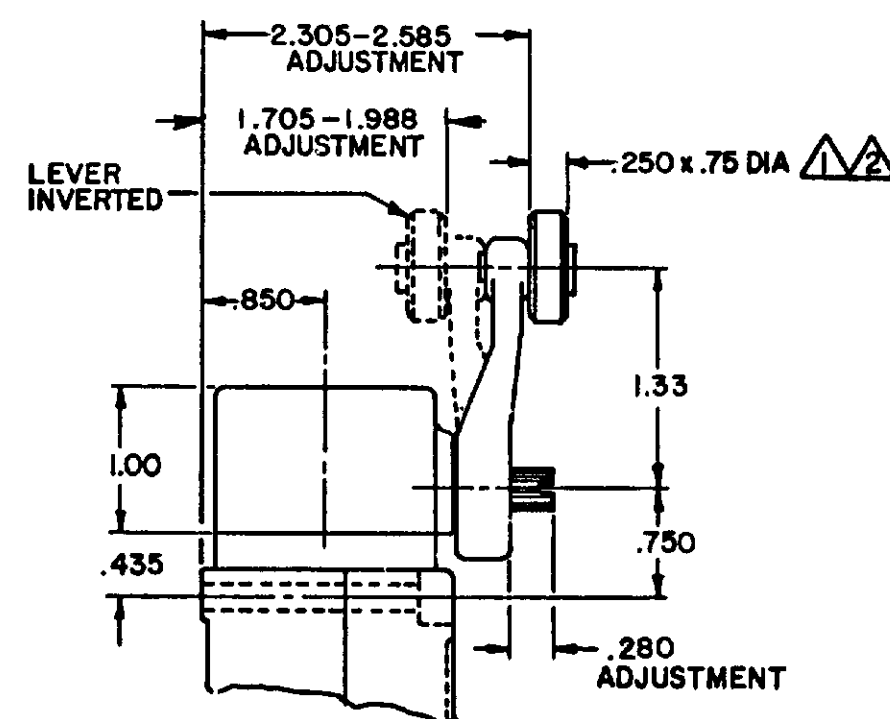
LSZ55 TYPE LEVERS



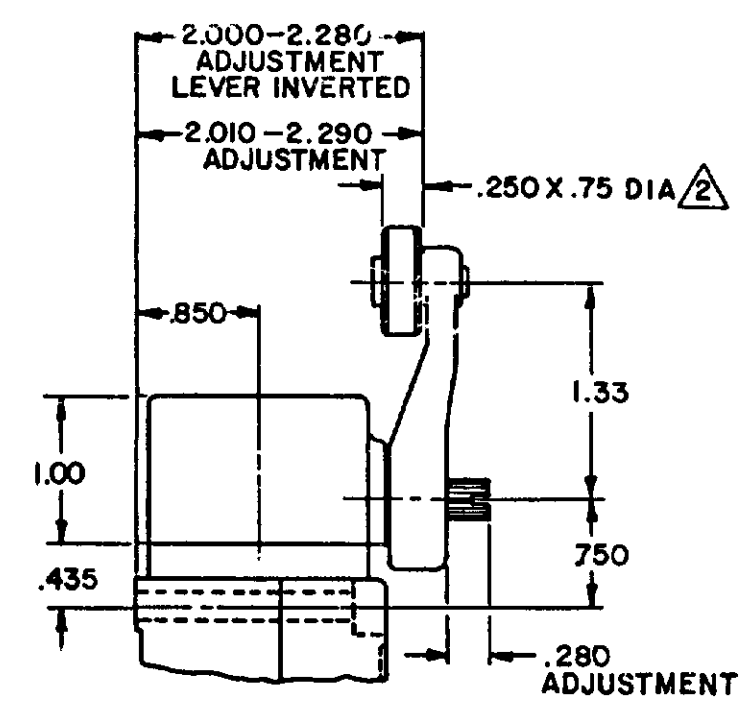
LSZ52 TYPE LEVER



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

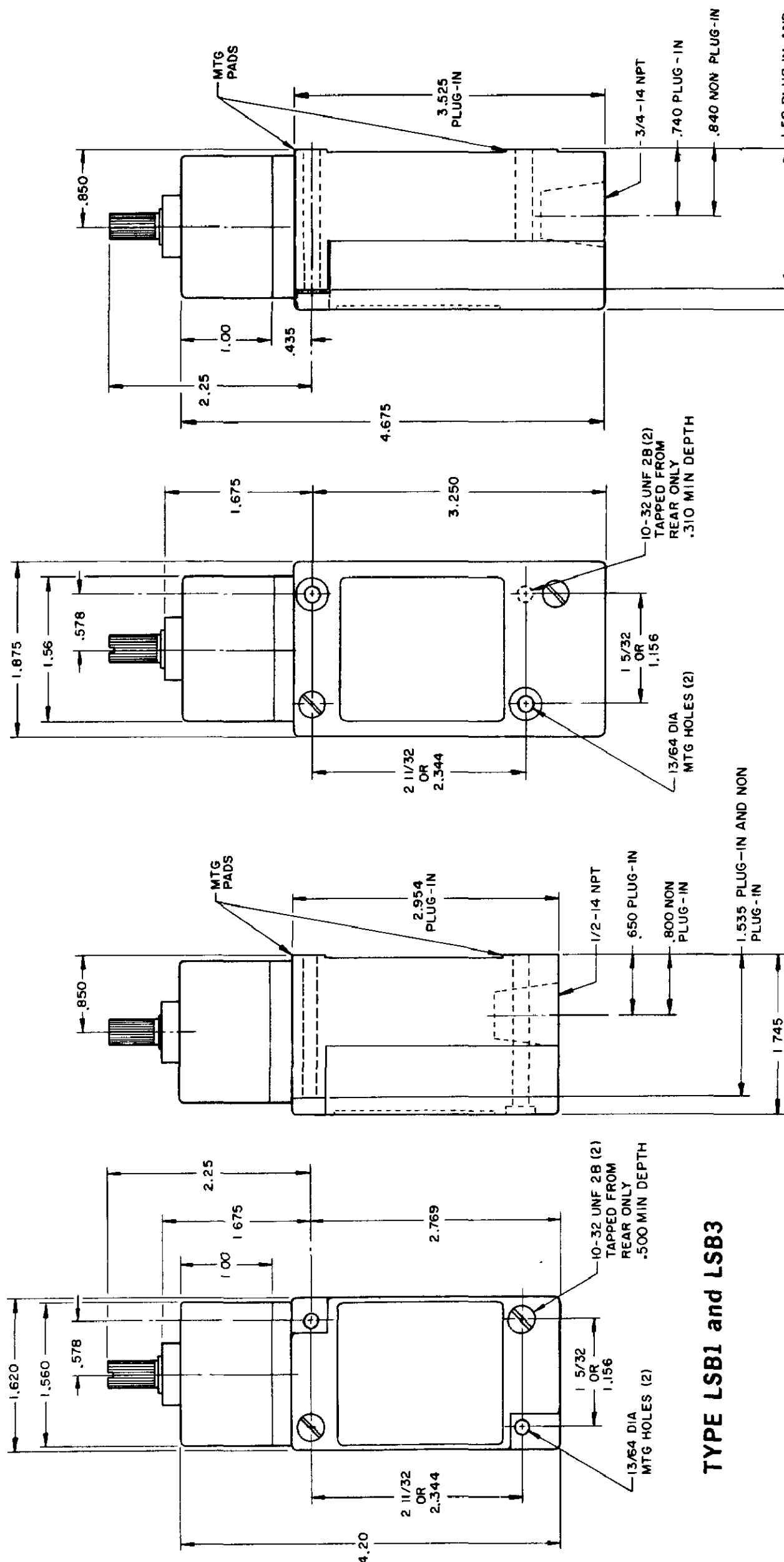
| REV | DATE    | BY | CHK | DESCRIPTION |
|-----|---------|----|-----|-------------|
| 1   | 0031956 |    |     |             |
| 2   | 10JUL07 | BS |     |             |
| 3   | 201004  | B  |     |             |
| 4   | 10AUG00 | C  |     |             |
| 5   | 201748  | C  |     |             |
| 6   | 17NOV00 | C  |     |             |
| 7   | 202198  | D  |     |             |
| 8   | 202198  | D  |     |             |
| 9   | 204871  | E  |     |             |
| 10  | 206581  | F  |     |             |
| 11  | 206763  | G  |     |             |
| 12  | 207178  | H  |     |             |
| 13  | 207474  | J  |     |             |
| 14  | 207474  | J  |     |             |
| 15  | 207474  | J  |     |             |
| 16  | 207474  | J  |     |             |
| 17  | 207474  | J  |     |             |
| 18  | 207474  | J  |     |             |
| 19  | 207474  | J  |     |             |
| 20  | 207474  | J  |     |             |

| 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

|                         | SINGLE POLE | DOUBLE POLE |
|-------------------------|-------------|-------------|
| PRETRAVEL MAX           | 25°         | 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

| A.C. VOLTAGE | AMPS AT 35 POWER FACTOR |       |             |       |
|--------------|-------------------------|-------|-------------|-------|
|              | SINGLF 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<br>INDUCTIVE |      | RESISTIVE |
|---------------|---------------------------|------|-----------|
|               |                           |      |           |
| 120           | 0.25                      | 0.80 |           |
| 240           | 0.15                      | 0.40 |           |

ELECTRONIC DUTY BASIC SWITCH  
10 AMP CONT

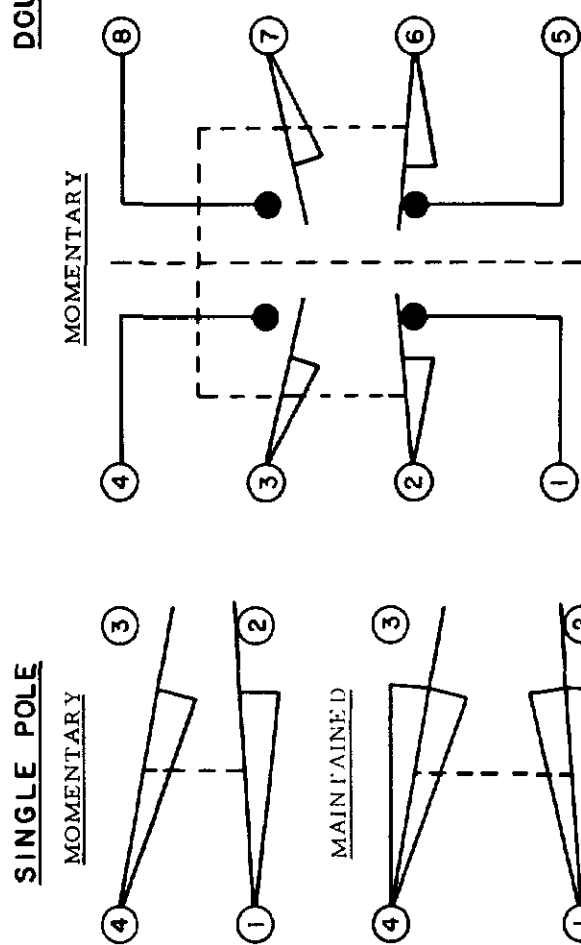
| VOLTAGE        |  | 30 WATT |
|----------------|--|---------|
| 5 AC OR DC MIN |  |         |
| 600 AC         |  |         |
| 240 DC         |  |         |

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

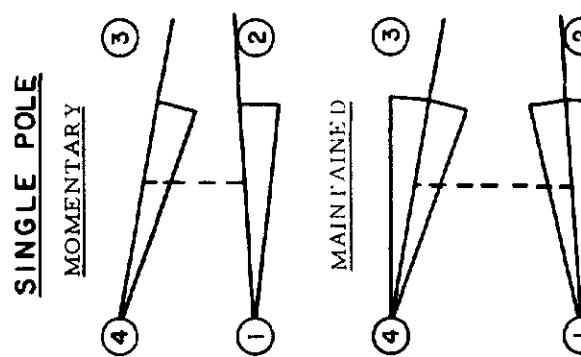
| D. C. VOLTAGE | MAKE AND BREAK AMPS |  | RESISTIVE |
|---------------|---------------------|--|-----------|
|               | INDUCTIVE           |  |           |
| 30            | 4.2                 |  | 4.2       |
| 120           | 1.1                 |  | 1.1       |
| 240           | .55    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

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

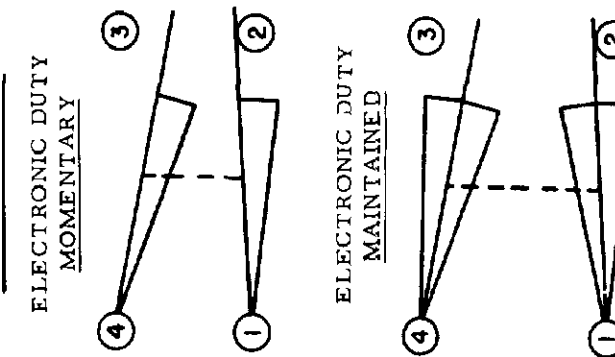
DOUBLE POLE



SINGLE POLE



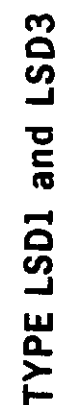
SINGLE POLE



DIRECT ACTING

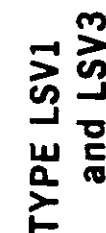


SINGLE POLE DOUBLE POLE



**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 NONE

NO-NOT-SCALE-PRINT

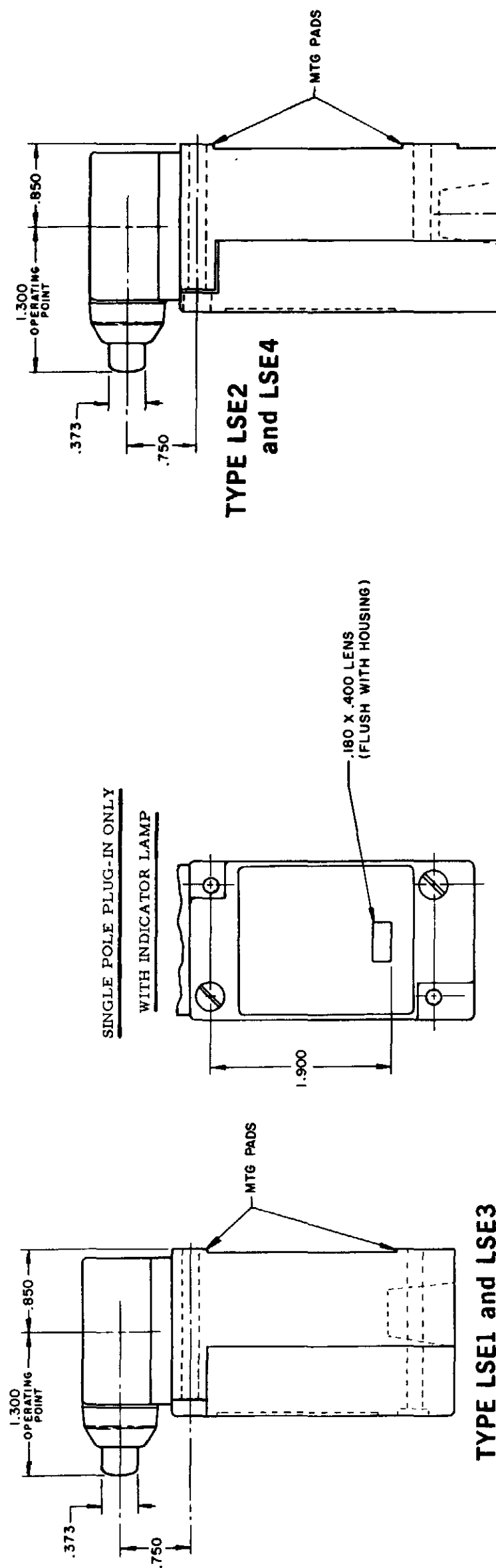
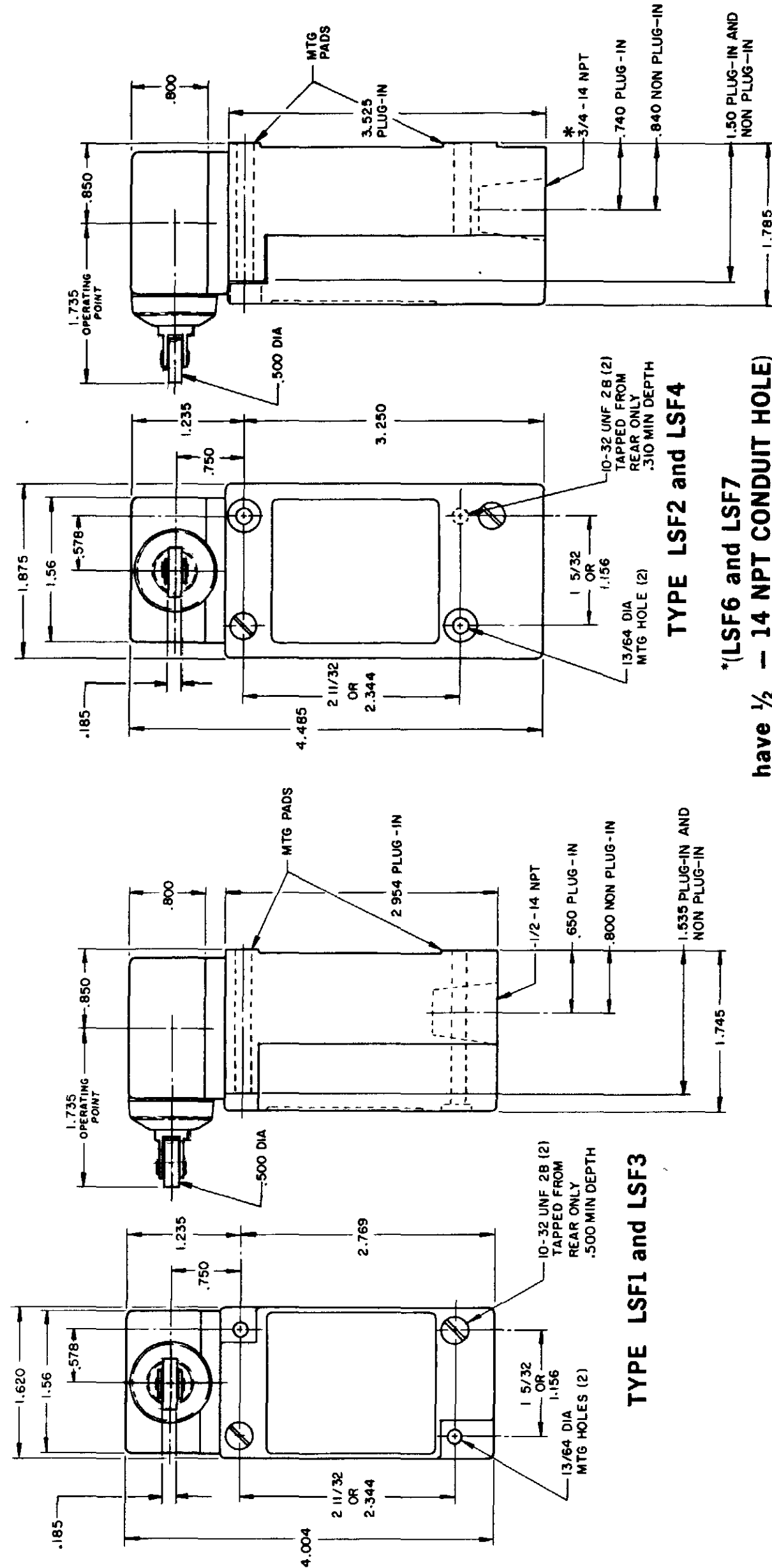
| REV | DATE      | BY | CHK | APP |
|-----|-----------|----|-----|-----|
| L   | 0031956   |    |     |     |
| B   | 10 JUL 97 |    |     |     |
| C   | 10 AUG 00 |    |     |     |
| D   | 201748    |    |     |     |
| E   | 17 NOV 00 |    |     |     |
| F   | 202198    |    |     |     |
| G   | 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        | REPLACES | CO-78498 | LSA-LSW SERIES |
| 12        | LSA-LSW SERIES CHART 1 |          |          |                |
| 12        | PAGE 5 OF 10           |          |          |                |
| PSR       | 10 JUL 94              |          |          |                |
| CHECK     | AK                     |          |          |                |
| 11 JUL 94 | AF                     |          |          |                |
| 15 JUN 94 |                        |          |          |                |

# SIDE PLUNGER TYPE

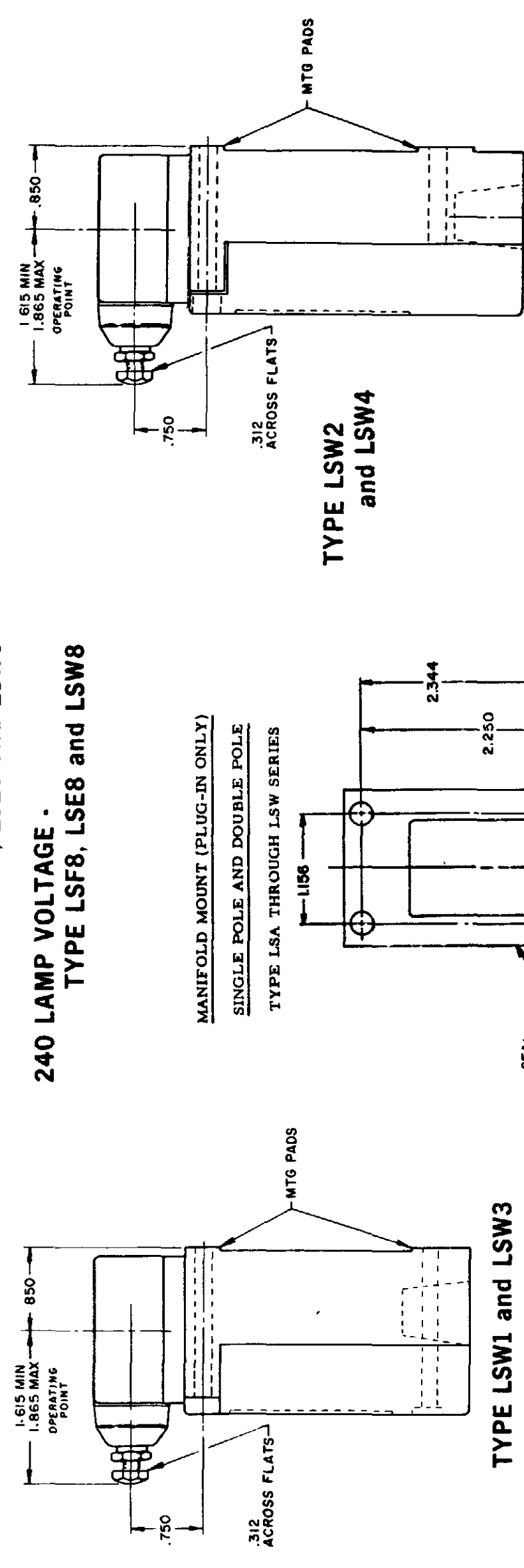
SINGLE POLE

DOUBLE POLE

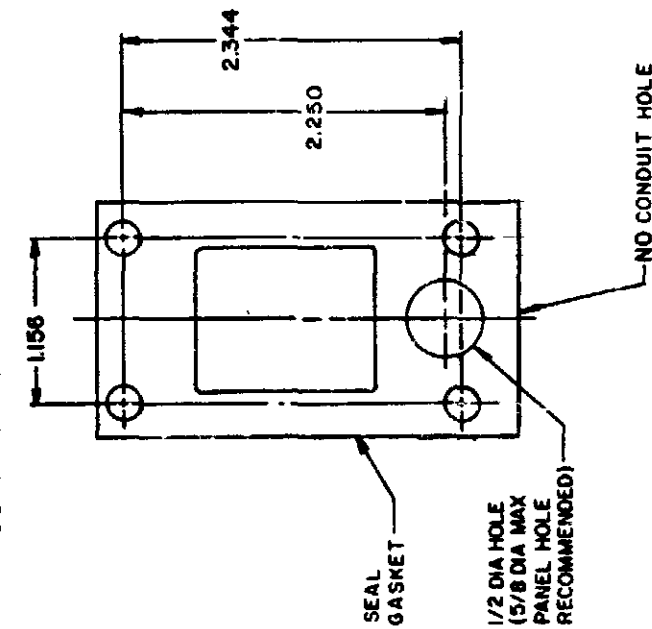


120 LAMP VOLTAGE -  
TYPE LSF5, LSE5 and LSW5

240 LAMP VOLTAGE -  
TYPE LSF8, LSE8 and LSW8



MANIFOLD MOUNT (PLUG-IN ONLY)  
SINGLE POLE AND DOUBLE POLE  
TYPE LSA THROUGH LSW SERIES



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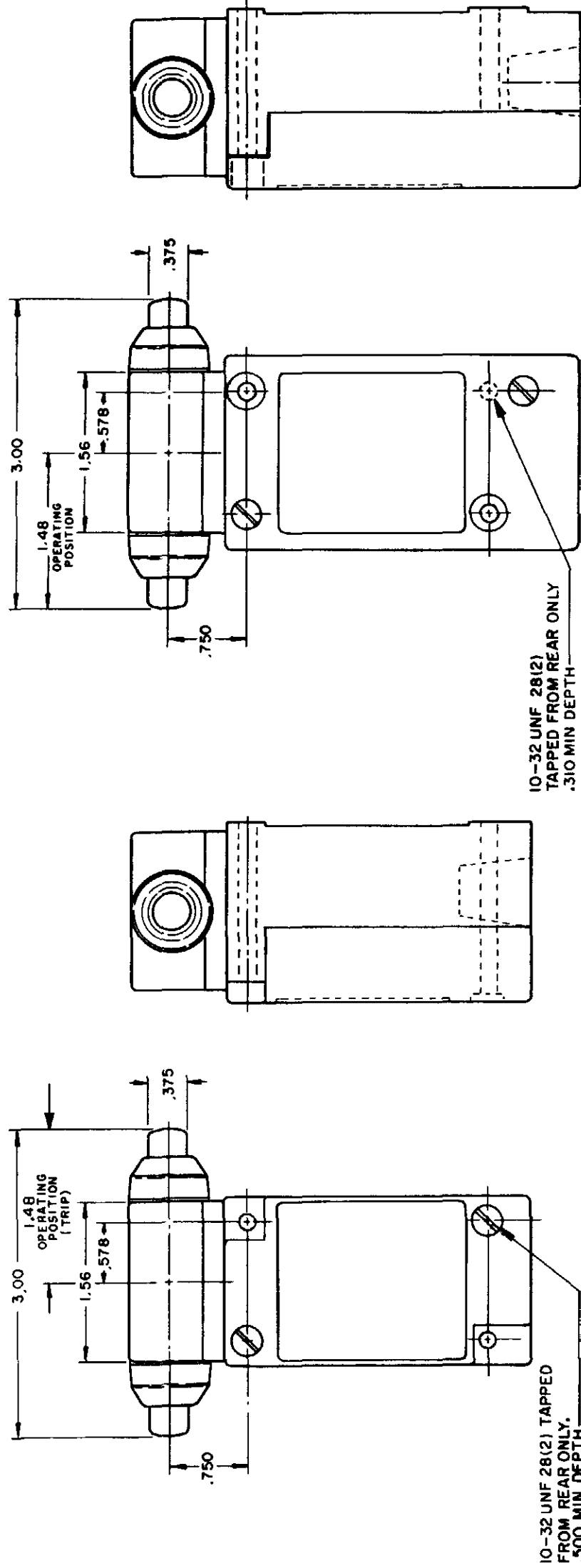
**MICRO SWITCH**  
a Honeywell Division  
FED. MFG. CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING  
**LSA-LSW SERIES**  
CHART 1

PAGE 5 OF 10

SCALE NONE  
DO NOT SCALE PRINT



TYPE LSG1 and LSG3

TYPE LSG2 and LSG4

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

| TOP PLUNGER TYPES                                      |                                   |                                   |                                     |
|--------------------------------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|
| OPERATING POINT GIVEN IN RELATION TO TOP MOUNTING HOLE |                                   | SEQUENCE BASIC                    |                                     |
| CHARACTERISTICS                                        | LSC PLUNGER                       | LSD ROLLER PLUNGER                | LSV ADJ PLUNGER                     |
| PRETRAVEL (MAX)                                        | .070                              | .070                              | .070                                |
| DIFFERENTIAL TRAVEL (MAX)                              | SINGLE POLE DOUBLE POLE .015 .020 | SINGLE POLE DOUBLE POLE .015 .020 | SINGLE POLE DOUBLE POLE .015 .020   |
| OVERTRAVEL (MIN)                                       | .190                              | .190                              | .170                                |
| OPERATING FORCE (MAX)                                  | 4 LBS                             | 4 LBS                             | 4 LBS                               |
| OPERATING POINT                                        | 1.805 ± .030                      | 2.200 ± .040                      | 2.085 MIN 2.335 MAX                 |
| FULL OVERTRAVEL FORCE (MAX)                            | 7 LBS                             | 7 LBS                             | 7 LBS                               |
| OPERATING POINT GIVEN IN RELATION TO CENTER OF HEAD    |                                   |                                   |                                     |
| CHARACTERISTICS                                        | LSE PLUNGER                       | LSF ROLLER PLUNGER                | LSG ADJ PLUNGER                     |
| PRETRAVEL (MAX)                                        | .100                              | .100                              | .170                                |
| DIFFERENTIAL TRAVEL (MAX)                              | .045                              | .045                              | .090                                |
| OVERTRAVEL (MIN)                                       | .190                              | .190                              | .080                                |
| OPERATING FORCE (MAX)                                  | 6 LBS                             | 6 LBS                             | 10 LBS                              |
| OPERATING POINT                                        | 1.300 ± .030                      | 1.735 ± .040                      | ADJUSTABLE FROM 1.615 MIN 1.865 MAX |
| FULL OVERTRAVEL FORCE (MAX)                            | 6 LBS                             | 6 LBS                             | 10 LBS                              |

| SIDE PLUNGER TYPES                                     |                                   |                                   |                                     |
|--------------------------------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|
| OPERATING POINT GIVEN IN RELATION TO TOP MOUNTING HOLE |                                   | SEQUENCE BASIC                    |                                     |
| CHARACTERISTICS                                        | LSC PLUNGER                       | LSD ROLLER PLUNGER                | LSV ADJ PLUNGER                     |
| PRETRAVEL (MAX)                                        | .070                              | .070                              | .070                                |
| DIFFERENTIAL TRAVEL (MAX)                              | SINGLE POLE DOUBLE POLE .015 .020 | SINGLE POLE DOUBLE POLE .015 .020 | SINGLE POLE DOUBLE POLE .015 .020   |
| OVERTRAVEL (MIN)                                       | .190                              | .190                              | .170                                |
| OPERATING FORCE (MAX)                                  | 4 LBS                             | 4 LBS                             | 4 LBS                               |
| OPERATING POINT                                        | 1.805 ± .030                      | 2.200 ± .040                      | 2.085 MIN 2.335 MAX                 |
| FULL OVERTRAVEL FORCE (MAX)                            | 7 LBS                             | 7 LBS                             | 7 LBS                               |
| OPERATING POINT GIVEN IN RELATION TO CENTER OF HEAD    |                                   |                                   |                                     |
| CHARACTERISTICS                                        | LSE PLUNGER                       | LSF ROLLER PLUNGER                | LSG ADJ PLUNGER                     |
| PRETRAVEL (MAX)                                        | .100                              | .100                              | .170                                |
| DIFFERENTIAL TRAVEL (MAX)                              | .045                              | .045                              | .090                                |
| OVERTRAVEL (MIN)                                       | .190                              | .190                              | .080                                |
| OPERATING FORCE (MAX)                                  | 6 LBS                             | 6 LBS                             | 10 LBS                              |
| OPERATING POINT                                        | 1.300 ± .030                      | 1.735 ± .040                      | ADJUSTABLE FROM 1.615 MIN 1.865 MAX |
| FULL OVERTRAVEL FORCE (MAX)                            | 6 LBS                             | 6 LBS                             | 10 LBS                              |

| SEQUENCE BASIC          |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|
| LSE                     | LSF                     | LSV                     | LSW                     |
| 1ST STEP .100           | 1ST STEP .100           | 1ST STEP .070           | 1ST STEP .070           |
| 2ND STEP .020 MIN ADD'L | 2ND STEP .020 MIN ADD'L | 2ND STEP .015 EACH STEP | 2ND STEP .015 EACH STEP |
| .025 EACH STEP          | .025 EACH STEP          | .170                    | .170                    |
| 6 LBS                   | 6 LBS                   | 4 LBS                   | 4 LBS                   |
| 1ST STEP 1.310±.030     | 1ST STEP 1.310±.030     | 1ST STEP 1.815±.030     | 1ST STEP 1.815±.030     |
| 2ND STEP 1.745±.040     | 2ND STEP 1.745±.040     | 2ND STEP 2.210±.040     | 2ND STEP 2.210±.040     |
| 1.625 MIN / 1.875 MAX   | 1.625 MIN / 1.875 MAX   | 2.095 MIN / 2.345 MAX   | 2.095 MIN / 2.345 MAX   |
| 6 LBS                   | 6 LBS                   | 7 LBS                   | 7 LBS                   |

|           |         |    |      |      |
|-----------|---------|----|------|------|
| REVISIONS | DATE    | BY | CHKD | APPD |
| L         | 0031956 |    |      |      |
| B         | 201004  |    |      |      |
| C         | 201748  |    |      |      |
| D         | 202198  |    |      |      |
| E         | 204871  |    |      |      |
| F         | 206581  |    |      |      |
| G         | 206763  |    |      |      |
| H         | 207179  |    |      |      |
| J         | 207474  |    |      |      |
| K         | 0006871 |    |      |      |

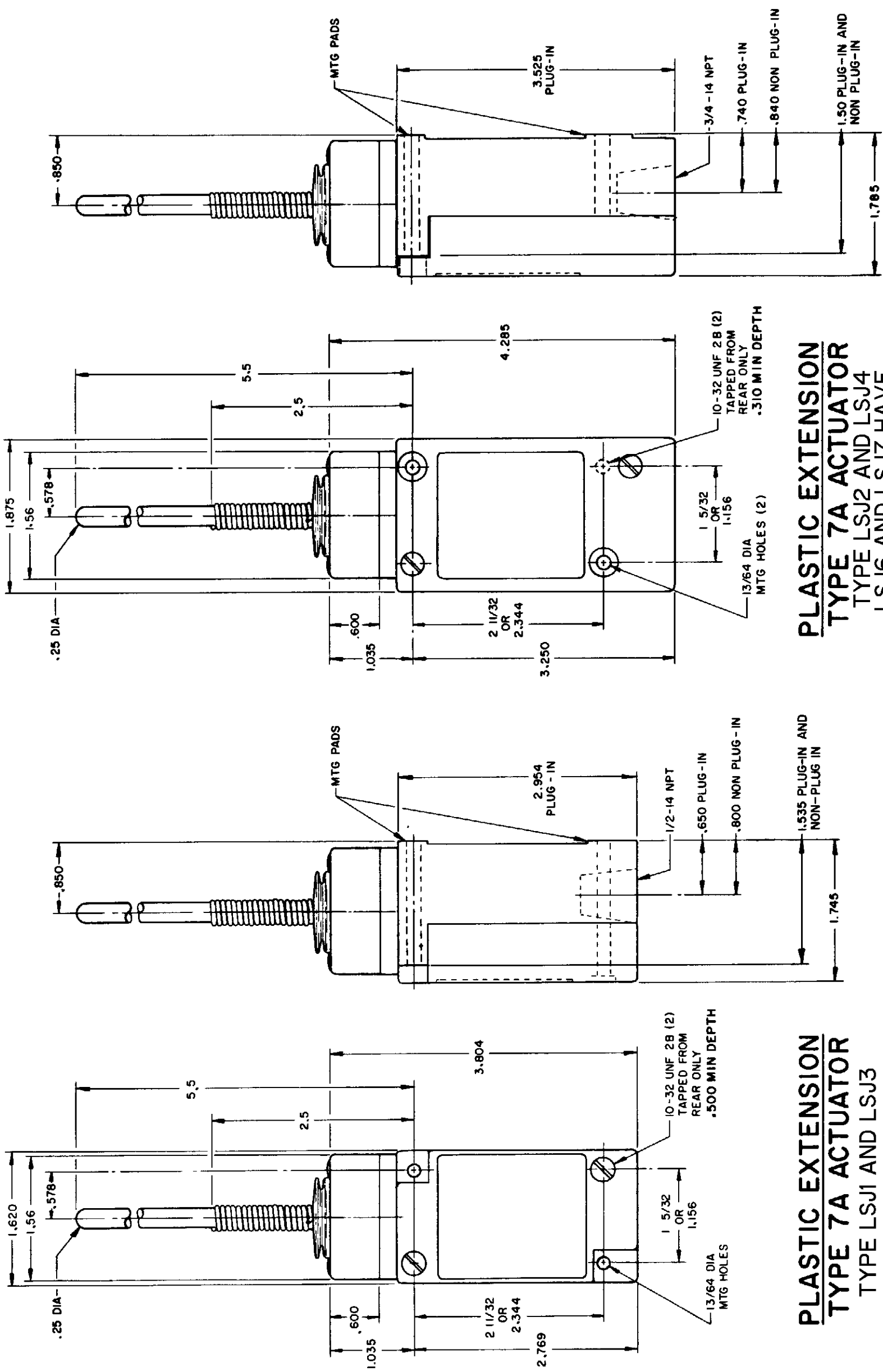
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| ISSUE      | DATE           | BY | CHKD | APPD |
| 12         | 10JUL07        |    |      |      |
| PSR        | 10JUL07        |    |      |      |
| CHECK      | 11AUG04        |    |      |      |
| RELEASE NO | CO-78498       |    |      |      |
| REPLACES   | LSA-LSW SERIES |    |      |      |

|                 |                         |
|-----------------|-------------------------|
| CATALOG LISTING | LSA-LSW SERIES CHART 1  |
| 12              | PAGE 7 OF 10            |
| 11AUG04         | RELEASE NO CO-78498     |
| 10JUL07         | REPLACES LSA-LSW SERIES |

MAAM 15 JUN 94  
DRAWN

# WOBBLE STICK DOUBLE POLE

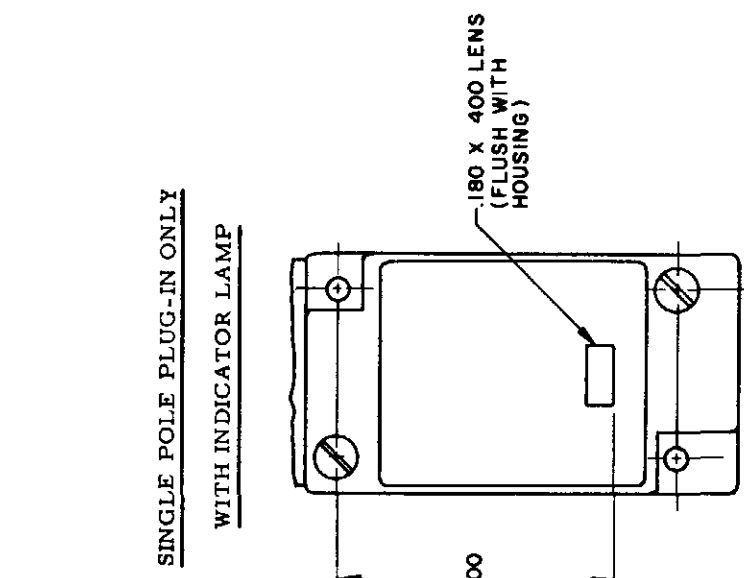
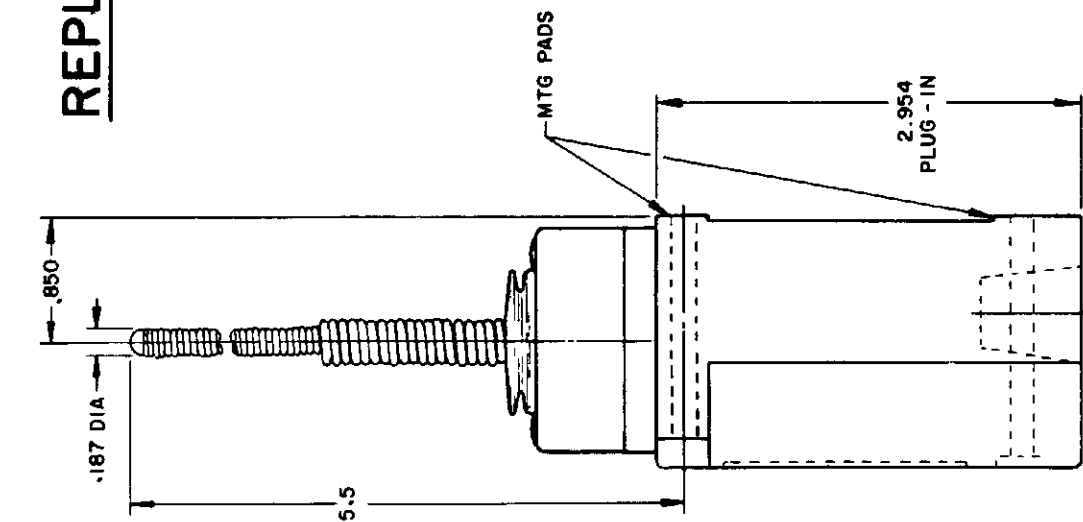
SINGLE POLE



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

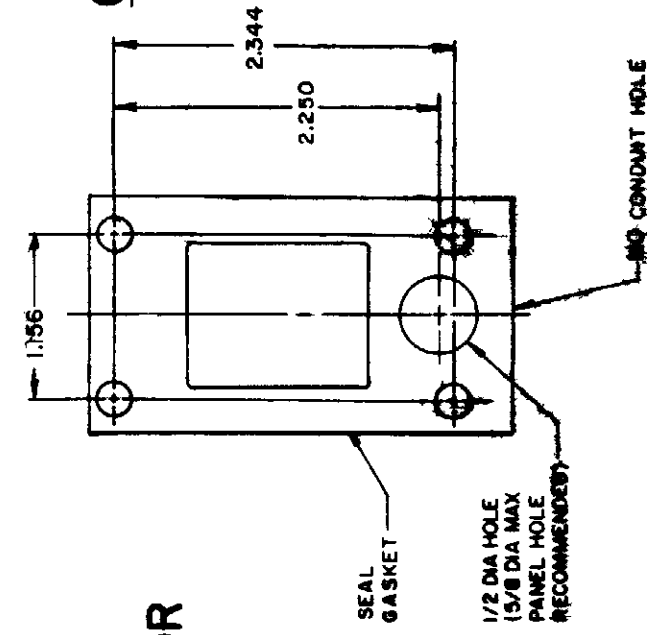
PLASTIC EXTENSION  
TYPE 7A ACTUATOR  
TYPE LSJ1 AND LSJ3

## REPLACEMENT ACTUATOR LSZ-4009



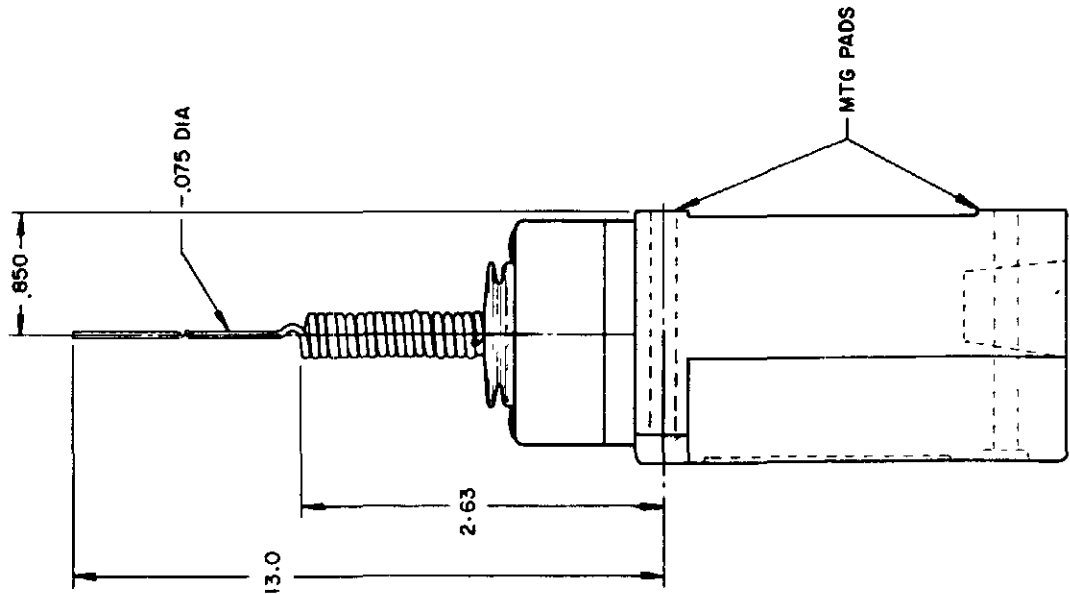
120 LAMP VOLTAGE TYPE LSJ5  
240 LAMP VOLTAGE TYPE LSJ8  
24 LED VOLTAGE TYPE LSJ9

CABLE EXTENSION  
TYPE 7N ACTUATOR



CABLE EXTENSION  
TYPE 7N ACTUATOR

REPLACEMENT ACTUATOR  
LSZ-4011

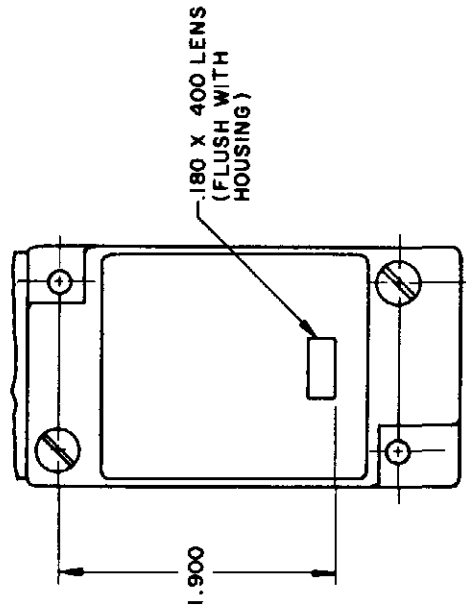


WIRE EXTENSION TYPE 7M ACTUATOR

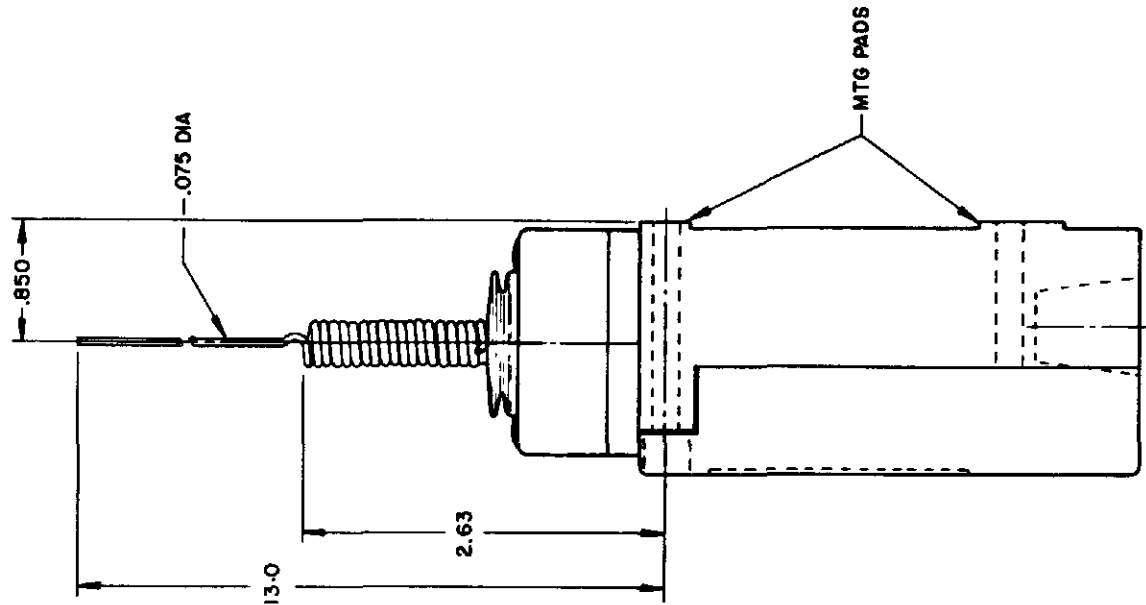
TYPE LSJ1 and LSJ3

REPLACEMENT ACTUATOR - LSZ 4010

SINGLE POLE PLUG-IN ONLY  
WITH INDICATOR LAMP



120 LAMP VOLTAGE TYPE LSJ5  
240 LAMP VOLTAGE TYPE LSJ8



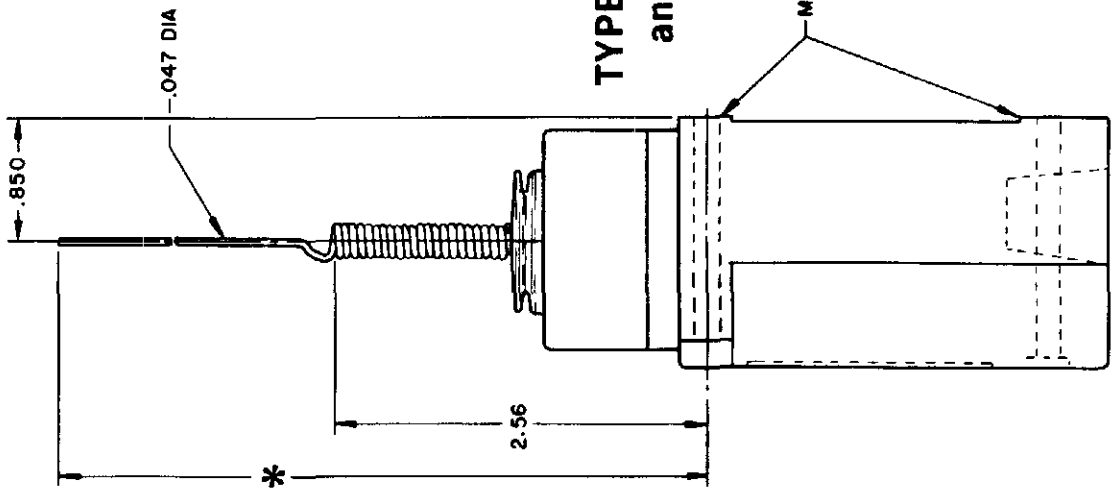
WIRE EXTENSION TYPE 7M ACTUATOR

TYPE LSJ2 and LSJ4

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

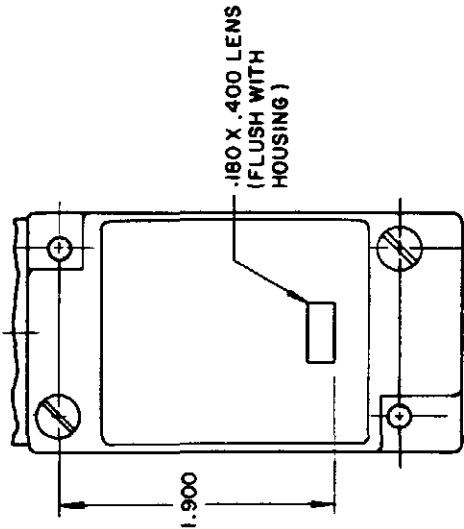
## CAT WHISKER

### SINGLE POLE



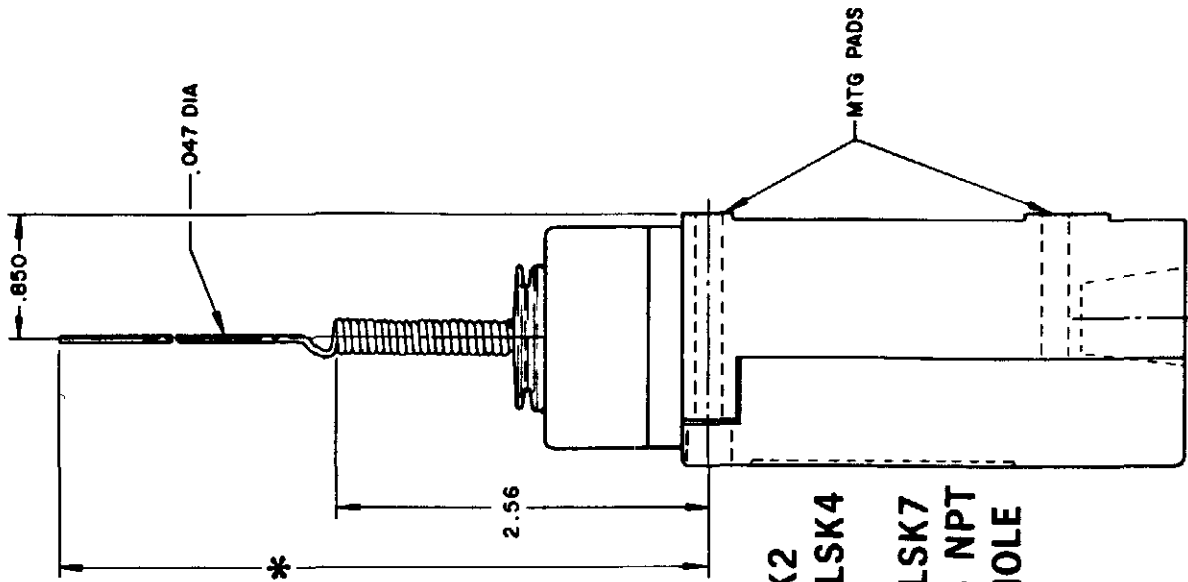
TYPE LSK1  
and LSK3

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. - LSZ 4036

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

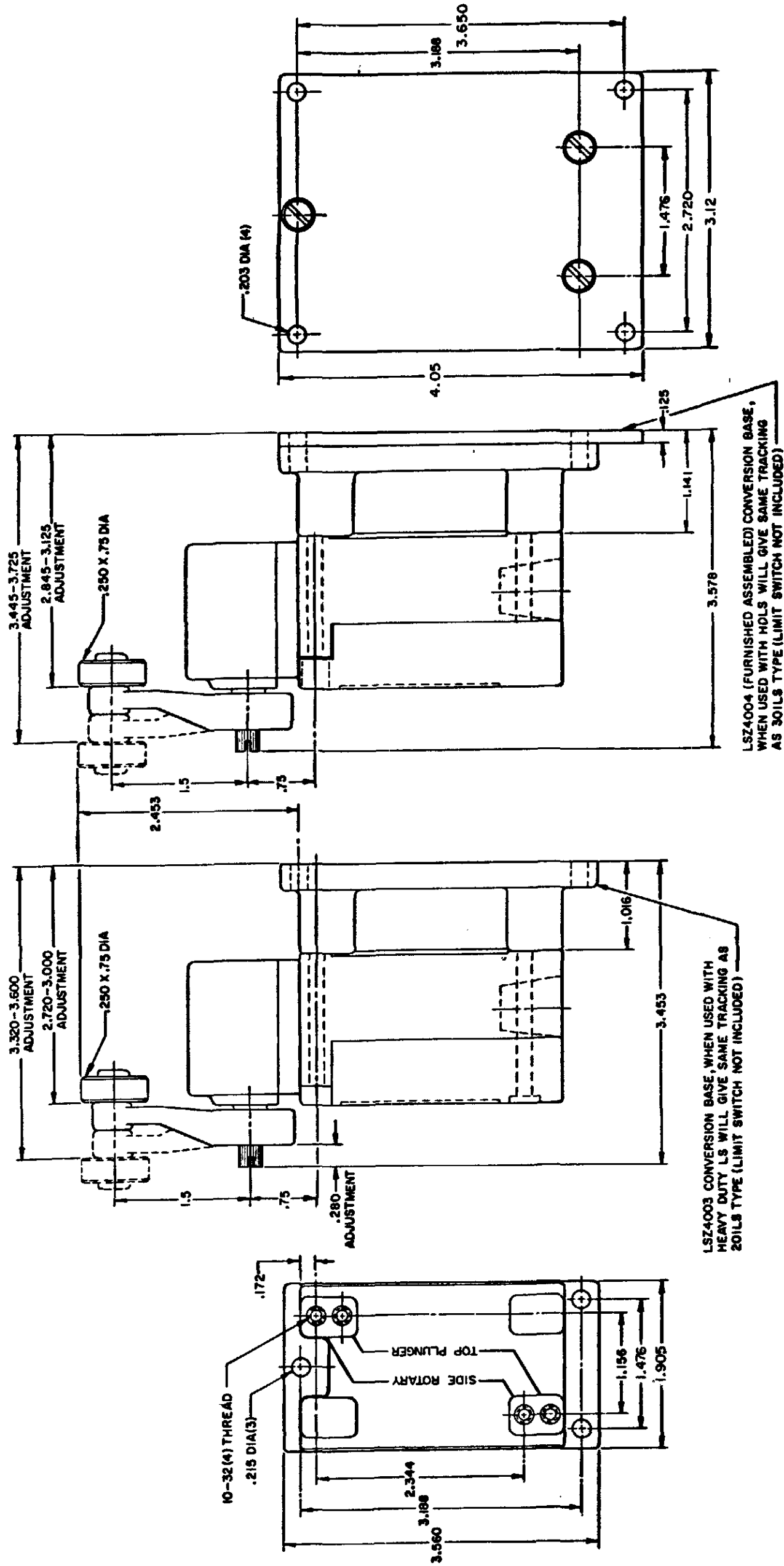
DO NOT SCALE PRINT

| PRETRAVEL (APPROX) IN. RADIUS | CAT. WHISKER |            | WOBBLE STICK |      |
|-------------------------------|--------------|------------|--------------|------|
|                               | 5/16" COIL   | 5/16" WIRE | 7/16" ROD    | WIRE |
|                               | 2            | 2          | 1.0          | 4.0  |
| OPERATING FORCE-OZ (MAX)      | 7.0          | 5.0        | 3.0          | 7.0  |
|                               |              |            | 10.0         | 5.0  |

# CONVERSION BASES

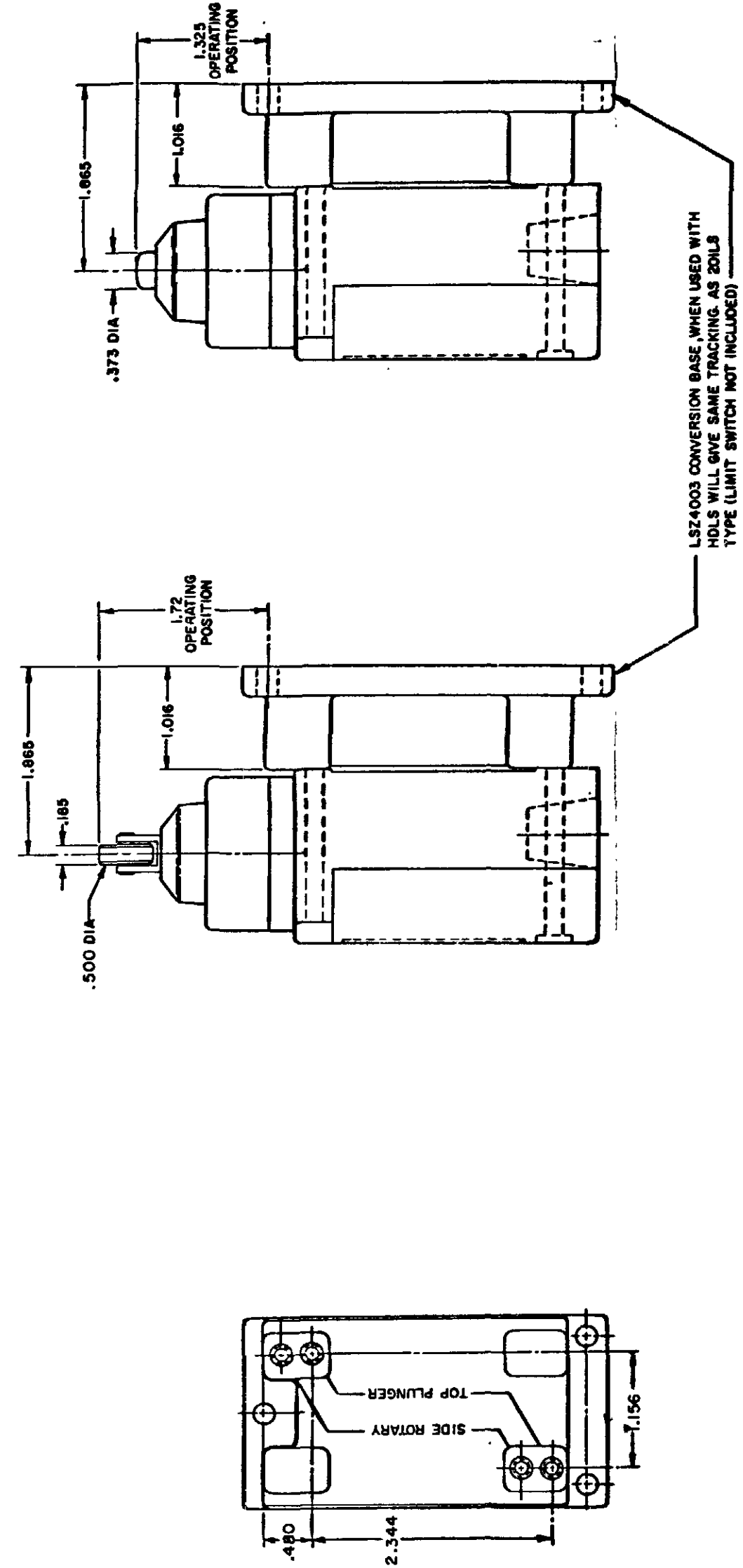
# SINGLE POLE (SIDE ROTARY) LSZ 4003

**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

| HEAD TYPE | CELLULOSE                                     | DETERGENT | 5 STAR | ASTM #1 | ASTM #2 | ASTM #3 | ASTM #4 | HOUGHTON SAFE 271 | HOUGHTON SAFE 820 | HOUGHTON SAFE 1010 | MINERAL OIL | PETROL OIL | SILICON CR & OIL | SUNSAFE | BEER | STODDARD SOLV. | CHLORINATED SOLVENTS | CITRIC ACID | DI-ESTER SYN. LUBRICANTS | OZONE | HYDRAUL | PROGUARD | PETROL BASE HYDRAULIC OIL | LARD OIL | SILICATE ESTERS |
|-----------|-----------------------------------------------|-----------|--------|---------|---------|---------|---------|-------------------|-------------------|--------------------|-------------|------------|------------------|---------|------|----------------|----------------------|-------------|--------------------------|-------|---------|----------|---------------------------|----------|-----------------|
| LSA       | 4                                             | 1         | 1      | 1       | 1       | 2       | 1       | 4                 | 1                 | 1                  | 1           | 1          | 1                | 1       | 4    | 1              | 2                    | 4           | 4                        | 4     | 1       | 1        | 2                         |          |                 |
| LSB       | 4                                             | 1         | 1      | 1       | 1       | 2       | 1       | 4                 | 1                 | 1                  | 1           | 1          | 1                | 1       | 4    | 1              | 2                    | 4           | 4                        | 4     | 1       | 1        | 2                         |          |                 |
| LSC       | 4                                             | 2         | 2      | 1       | 2       | 4       | 4       | 2                 | 4                 | 2                  | 1           | 2          | 1                | 2       | 4    | 1              | 4                    | 3           | 4                        | 4     | 2       | 2        | 2                         |          |                 |
| LSD       | 4                                             | 2         | 2      | 1       | 2       | 4       | 4       | 2                 | 4                 | 2                  | 1           | 2          | 1                | 2       | 4    | 1              | 4                    | 3           | 4                        | 4     | 2       | 2        | 2                         |          |                 |
| LSE       | 4                                             | 2         | 2      | 1       | 2       | 4       | 4       | 2                 | 4                 | 2                  | 1           | 2          | 1                | 2       | 4    | 1              | 4                    | 3           | 4                        | 4     | 2       | 2        | 2                         |          |                 |
| LSF       | 4                                             | 2         | 2      | 1       | 2       | 4       | 4       | 2                 | 4                 | 2                  | 1           | 2          | 1                | 2       | 4    | 1              | 4                    | 2           | 4                        | 4     | 2       | 2        | 2                         |          |                 |
| LSG       | 4                                             | 2         | 2      | 1       | 2       | 4       | 4       | 2                 | 4                 | 2                  | 1           | 2          | 1                | 2       | 4    | 1              | 4                    | 3           | 4                        | 4     | 2       | 2        | 2                         |          |                 |
| LSH       | 4                                             | 1         | 1      | 1       | 1       | 2       | 1       | 4                 | 1                 | 1                  | 1           | 1          | 1                | 1       | 4    | 1              | 2                    | 4           | 4                        | 4     | 1       | 1        | 2                         |          |                 |
| LSJ       | 4                                             | 2         | 2      | 1       | 2       | 4       | 4       | 2                 | 4                 | 2                  | 1           | 2          | 1                | 2       | 4    | 1              | 4                    | 3           | 4                        | 4     | 2       | 2        | 2                         |          |                 |
| LSK       | 4                                             | 2         | 2      | 1       | 2       | 4       | 4       | 2                 | 4                 | 2                  | 1           | 2          | 1                | 2       | 4    | 1              | 4                    | 3           | 4                        | 4     | 2       | 2        | 2                         |          |                 |
| LSL       | 4                                             | 1         | 1      | 1       | 1       | 2       | 1       | 4                 | 1                 | 1                  | 1           | 1          | 1                | 1       | 4    | 1              | 2                    | 4           | 4                        | 4     | 1       | 1        | 2                         |          |                 |
| LSM       | 4                                             | 1         | 1      | 1       | 1       | 2       | 1       | 4                 | 1                 | 1                  | 1           | 1          | 1                | 1       | 4    | 1              | 2                    | 4           | 4                        | 4     | 1       | 1        | 2                         |          |                 |
| LSN       | 4                                             | 1         | 1      | 1       | 1       | 2       | 1       | 4                 | 1                 | 1                  | 1           | 1          | 1                | 1       | 4    | 1              | 2                    | 4           | 4                        | 4     | 1       | 1        | 2                         |          |                 |
| LSP       | 4                                             | 1         | 1      | 1       | 1       | 2       | 1       | 4                 | 1                 | 1                  | 1           | 1          | 1                | 1       | 4    | 1              | 2                    | 4           | 4                        | 4     | 1       | 1        | 2                         |          |                 |
| LSR       | 4                                             | 1         | 1      | 1       | 1       | 2       | 1       | 4                 | 1                 | 1                  | 1           | 1          | 1                | 1       | 4    | 1              | 2                    | 4           | 4                        | 4     | 1       | 1        | 2                         |          |                 |
| LSV       | 4                                             | 2         | 2      | 1       | 2       | 4       | 4       | 2                 | 4                 | 2                  | 1           | 2          | 1                | 2       | 4    | 1              | 4                    | 3           | 4                        | 4     | 2       | 2        | 2                         |          |                 |
| LSW       | 4                                             | 2         | 2      | 1       | 2       | 4       | 4       | 2                 | 4                 | 2                  | 1           | 2          | 1                | 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     |

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LSA-LSW SERIES  
CHART 1

FED. MFG. CODE 91929



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Электрон  
Связь**

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Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

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**Наши контакты:**

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**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

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