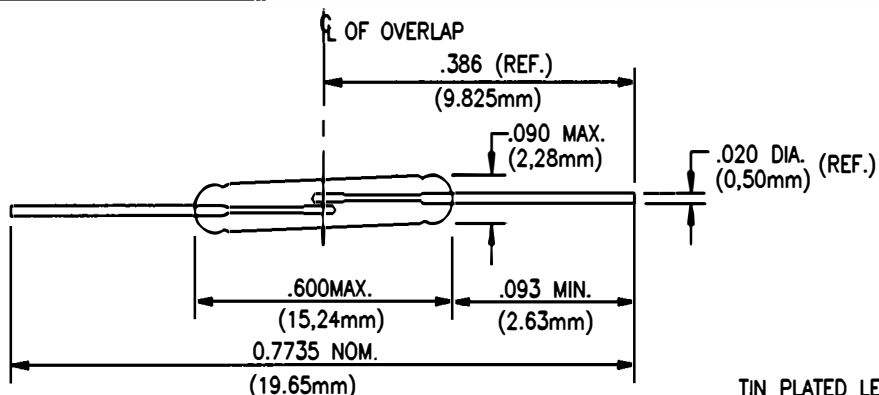


DWG. NO. 10-5263-1

PART MDSR-4

**ELECTRICAL RATINGS**

|                    |                  |                 |       |
|--------------------|------------------|-----------------|-------|
| CONTACT FORM       |                  |                 | A     |
| CONTACT RATING     |                  | WATTS           | 10    |
| RATING SENSITIVITY |                  | AMPERE TURNS    | 20    |
| VOLTAGE            | SWITCHING        | VDC-MAX.        | 200   |
|                    | BREAKDOWN        | VDC-MIN         | 250   |
|                    | ARC-QUENCH       | VDC-MIN         | 200   |
| CURRENT            | SWITCHING        | AMPERES-MAX.    | 0.5   |
|                    | CARRY            | AMPERES-MAX.    | 1.2   |
| RESISTANCE         | CONTACT, INITIAL | OHMS-MAX.       | 0.10  |
|                    | INSULATION       | OHMS-MIN.       | 10 10 |
| CAPACITANCE        |                  | PICOFARADS-TYP. | 0.2   |

**MAGNETIC CHARACTERISTICS**

|                     |                |       |
|---------------------|----------------|-------|
| TEST COIL           |                | L4989 |
| STANDARD TOLERANCE  | PULL-IN RANGES | 12-23 |
|                     |                | 17-28 |
|                     |                | 22-33 |
|                     |                | 27-38 |
| TIGHTENED TOLERANCE | PULL-IN RANGES | 12-18 |
|                     |                | 17-23 |
|                     |                | 22-28 |
|                     |                | 27-33 |
|                     |                | 32-38 |

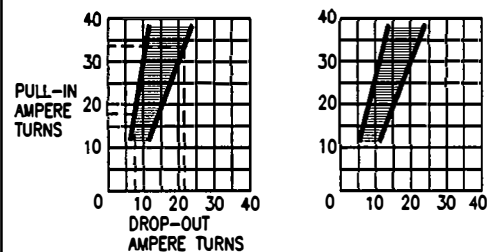
**OPERATING CHARACTERISTICS**

|                       |                              |             |                              |
|-----------------------|------------------------------|-------------|------------------------------|
| OPERATE TIME          |                              | ms-MAX.     | 0.6                          |
| RELEASE TIME          |                              | ms-MAX.     | 0.2                          |
| SHOCK                 | G's MAX., 11ms 1/2 SINE WAVE |             | 100                          |
| VIBRATION             | G's MAX., 50-2000 HERTZ      |             | 30                           |
| RESONANT FREQUENCY    |                              | HERTZ, TYP. | 3900                         |
| TEMPERATURE OPERATING | DEGREES, CELSIUS             |             | -40 TO +125                  |
|                       | STORAGE                      |             | DEGREES, CELSIUS -65 TO +125 |

SEE REED SWITCH CATALOG FOR DEFINITION OF TERMS

**DRAWING REVISIONS**

| REV. NO. | DATE | DCR NO. |
|----------|------|---------|
|          |      |         |
|          |      |         |
|          |      |         |
|          |      |         |
|          |      |         |

**DROP-OUT (DESIGN PARAMETER)**

EXAMPLE:  
17-33 AT PULL-IN  
8-21 AT DROP-OUT

**HAMLIN**

1993

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SHEET 1 OF 1 SHEET(S)

DIM.: INCHES (mm)

DWG. NO. 10-5263-1