

MDSR-10 10.2mm Sub-miniature Reed Switch

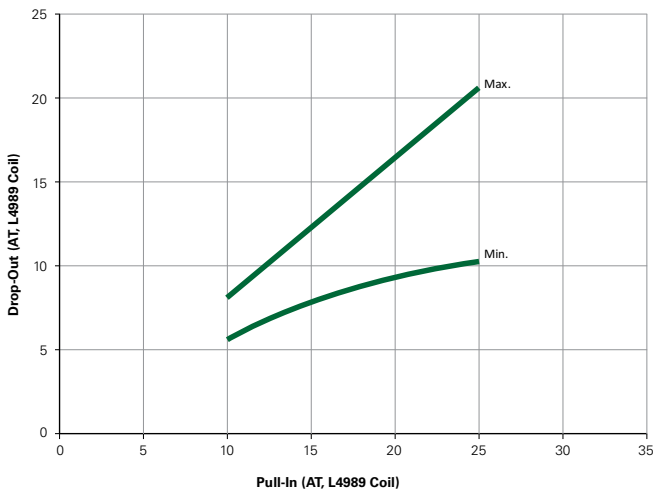
Product Characteristics

Operating Characteristics		
Operate Time ¹		0.5ms - max.
Release Time ¹		0.1ms - max.
Shock ²	11ms 1/2 sine wave	100G - max.
Vibration ²	50-2000 Hertz	30G - max.
Resonant Frequency		8.5kHz - typ.
Magnetic Characteristics		
Pull-In Range ³	Ampere Turns	10-25
Rating Sensitivity ⁴	Ampere Turns	15
Test Coil		L4989

Notes:

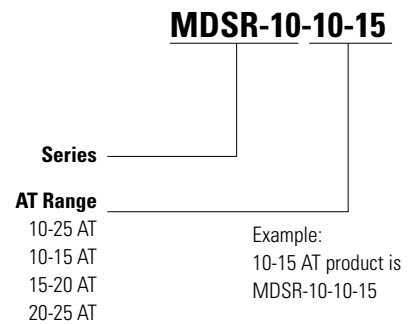
- Operate (including bounce)/Release Time - per EIA/NARM RS-421-A, diode suppressed coil (Coil II).
- Shock and Vibration - per EIA/NARM RS-421-A and MIL-STD-202.
- Pull-In Range - Contact Littelfuse for narrower AT ranges available.
- Rating Sensitivity - The value at which contact ratings and operating characteristics are determined. Derating may be required below this value.
- Custom modifications of forming and/or cutting of reed switches are available. Please contact Littelfuse.

Drop-Out vs. Pull-In Chart



Note: Chart represents the range of Drop-Out, min to max for a given Pull-In value.

Part Numbering System



Note: These AT values are the before-modification values of the bare reed switch.

Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Taping Width
Bulk	Bulk	1000	N/A	N/A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Littelfuse:

[MDSR-10 15-20](#) [MDSR-10 10-15](#) [MDSR-10 20-25](#) [MDSR-10 10-25](#) [MDSR-10 AW 10-15](#) [MDSR-10 AW 20-25](#)
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AW-20-25](#) [MDSR-10-AW-15-20](#) [MDSR-10-AW-10-15](#) [MDSR-10-30-35](#) [MDSR-10-25-30](#)