



MACD-14 Series Reed Switch New Product Introduction January 2015



MACD-14 Series Reed Switch



- A sub-miniature, normally open switch with a 14.00mm long x 2.28mm diameter (0.551" x 0.090") glass envelope, capable of switching 200Vdc at 10W with close differential.
- Sensitivity range 10-30 AT. High insulation resistance of 10^{10} ohms minimum and low contact resistance of less than 100 milli-ohms.

MACD-14 Series Features & Benefits

Features:

- Sub-miniature, normally open switch
- 14mm x 2.28mm (0.551" x 0.090") glass envelope
- Capable of switching 200 Vdc at up to 10 Watts
- Switching current up to 0.5 Amps
- Low close/open hysteresis (close differential)
- 10^{10} Ohms insulation resistance
- Available sensitivity range 10-30 AT
- RoHS compliant
- UL Recognized Component for use in Hazardous Locations

Benefits:

- Hermetically sealed switch contacts are not affected by and have no effect on their external environment
- No minimum switching voltage or current
- Low, stable contact resistance
- Zero operating power required for contact closure
- Fit and forget durability

MACD-14 Series Applications

- Position Sensing
- Proximity Sensing
- Sensing Float Position for Liquid Level
- Industrial Controls
- Office Equipment
- Home Appliances

Primary Target Customers and Markets

Home Appliances / White Goods



Utility, Water & Gas Metering



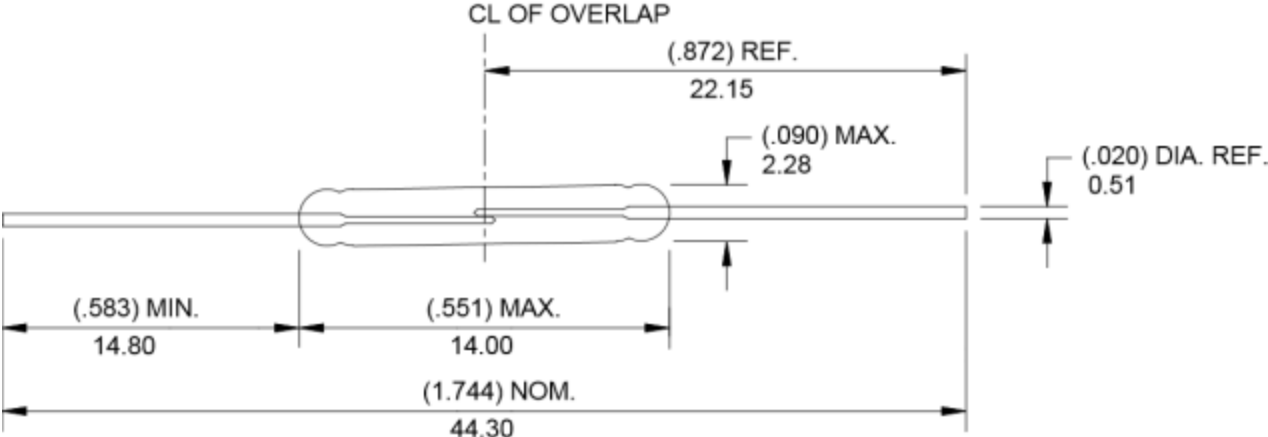
Safety & Security



Industrial / Commercial & Others



Product Dimensions and Part Numbering System



MACD - 14 - 10-15

SERIES

SENSITIVITY (AT)

Pricing, Samples, and Availability

- Pricing and Samples

For pricing and samples availability, please contact Littelfuse product management and sales representatives

- Production Availability

Production lead time: 12–14 weeks

Available in quantities of 1,000 in a box

Sales Tools

- Current datasheets are available on the Hamlin website: www.hamlin.com.
 - Enter “MACD-14” in the search box.
 - Samples are available by contacting your Littelfuse sales representative.
- Application and technical support available at:
 - Phone: +1 920 648 3000 (U.S.), +44 (0) 1603 257700 (Europe), +86 (0) 512 69365 800 (Asia)
 - E-mail: sales.us@hamlin.com (U.S.), sales.uk@hamlin.com (Europe), sales.cn@hamlin.com (Asia)
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