			Expertise Applied Answers Delivered
	MDRR-DT F	eatures and Benefits	
	 Features Miniature SPDT changeov 14.73mm x 2.54mm (0.58 0.100") glass envelope Capable of switching 175 to 5 Watts Switching current up to 0.1 10⁹ Ohms insulation resist Available sensitivity range RoHS Compliant 	Benefits 0" x 0" x Effect on their external environment of the external envit environment of the external envit environme	Applicationscontacts ve no ironment er or• Position Sensing • Proximity Sensing • Industrial Controls • Office Equipment • Home Appliancesage or• Home Appliances
DIMENSIONS mm (inch))		
"F" - FORMED 2.54 REF. (.100)	0.20 (.008) MIN 0.55 (.022) MAX 0.56 REF. 22) N.O. 1.57 (.062) REF	C OF OVERLAP 28.32 REF. (1.115) 2.54 MAX. (.100) (.100) (.020) COMM (.020) COMM 14.73 MAX. (.580) (.700) E1 60 DEE	PART NUMBER EXAMPLES: MDRR-DT-15-20-F MDRR-DT-20-25-U
"U" - UNFORMED <u>0.80 REF.</u> (.031) N.C. ^D	► <u>N.O.</u>	51.00 KEF. (2.034) 52.48 REF. (2.066)	TIN PLATED LEADS
SWITCH TYPE			MDRR-DT
Contact Form			C (SPDT)
Underwriters Laboratories Recogn	nized, UL File E47258 (Note 1)		c FU us
ELECTRICAL RATINGS			
Contact Power Rating (2)		W / VA - max.	5
Voltage	Switching Breakdown	Vdc - max. Vdc - min.	175 200
Current	Switching Carry	Adc - max. Adc - max.	0.25 1.50
Resistance	Contact, Initial Insulation	Ω - max. Ω - min.	0.100 10 ⁹
Capacitance	Contact	pF - typ.	1
Temperature	Operating Storage (6)	°C °C	-40 to +125 -65 to +125
OPERATING CHARACTERISTIC	S		
Operate Time (3)		ms - max.	0.7
Release Time (3)		ms - max.	1
Shock	11ms ½ sine wave	G - max.	50
Vibration	50-2000 Hertz	G - max.	30
Resonant Frequency		Hz - typ.	11000
MAGNETIC CHARACTERISTICS			

HAMLIN www.hamlin.com

Drop-out Rating Sensitivity (5) Test Coil

Pull-In Range (4)

Notes:

1. For details on electrical specifications, contact Littelfuse / Hamlin.

2. Contact Power Rating - Product of the switching voltage and current should never exceed this rating.

3. Operate (including Bounce) and Release Time - per EIA/NARM RS421A, diode suppressed coil.

4. Pull-In Range - Contact Littelfuse / Hamlin for tolerances available within this range.

5. Rating Sensitivity - The value at which contact ratings and operating characteristics are determined. Derating may be required below this value.

Ampere Turns

Ampere Turns

Ampere Turns - min.

6. Storage Temperature - Long term exposure at elevated temperature may degrade solderability of leads.

Littelfuse/Hamlin USA Email: sales.us@hamlin.com Littelfuse/Hamlin Europe Email: sales.uk@hamlin.com Littelfuse/Hamlin China Email: sales.cn@hamlin.com

C0674 AA 10-MDRR-DT

Specifications and descriptions in this datasheet are as accurate as known at the time of publication, but are subject to changes without notice. Product performance may be affected by the application to which the product is applied.

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