

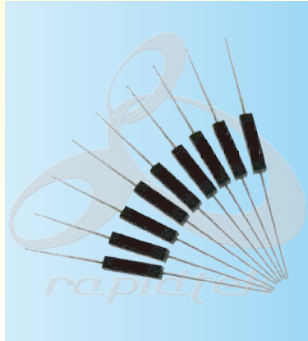
Molded Reed Switch



美商鐳潛元件股份有限公司
Rapidtek Magnetic Devices Inc.



RM 13



Features

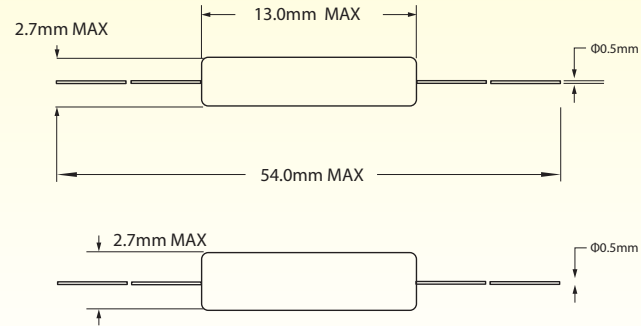
Tape and reel packaging available
10W rating
Rugged encapsulation
Excellent lifetime and reliability

Application

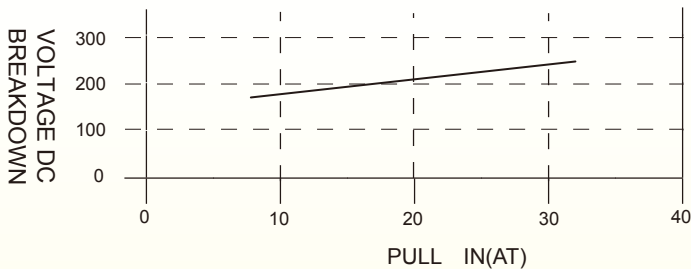
Proximity Sensor
Security Alarm Sensor
Level Sensor
Flow Sensor
Pulse Counter

Lead Shape & Dimension

Unit : mm



Breakdown Voltage Vs PULL IN(AT)



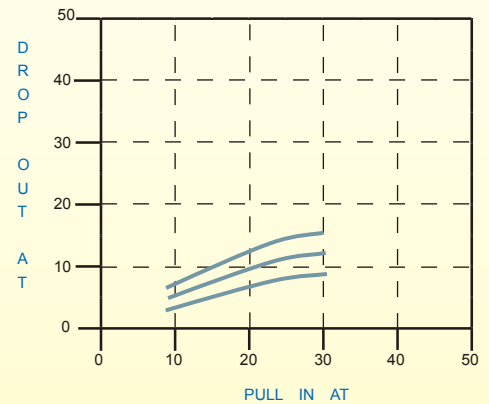
Physical Characteristics

Operating Temperature	-40°C to + 125°C
Storage Temperature	-50°C to + 155°C
Vibration	10 – 2000 Hz (G 'S MAX) 50G
Shock Resistance	11ms. 1/2 Sine wave (G 'S MAX) 100G
Resonance Frequency	(TYP.) 3.2 KHZ

Electrical Characteristics

Operate Range*		10 - 30 AT
Release Range*		3-30 AT
Operate Time Including Bounce	(Typ.)	0.7 Milliseconds
Release Time	(Typ.)	0.1 Milliseconds
Contact Material		Noble metal
Switching Power	(Max.)	10 W
Switching Current	(Max.)	0.5 Amp
Carry Current	(Max.)	1.2 Amp
Switching Voltage	(Max.)	150VDC/190VAC
Braekdown Voltage	(Min.)	200 VDC
Contact Resistance	(Max.)	200 Milliohms
Insulation Resistance	(Min.)	10T Ohms
Contact Capacitance	(Max.)	0.3 pF

DROP OUT Vs PULL IN



*AT measure before cut and form

