COMUS Group

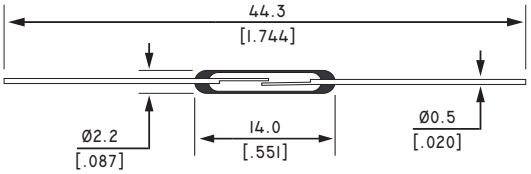
COMUS International

Part Number : ORD324
Reed Switch - Make Contact Form
Product Data Sheet

PICTURE

✔RoHS Compliant

DIMENSIONS



Drawings not to scale. All Dimension in mm[in] nominal

ORDERING INFORMATION

PART NUMBER ORD324 10 50

Type
Minimum Sensitivity (AT)
Maximum Sensitivity (AT)

Example:
Type ORD324 Standard Sensitivity. Pull-in sensitivity between 10 to 50 AT is PART NO: ORD324 10 50.

TECHNICAL SPECIFICATIONS

Structure and Dimensions			
Contact Arrangement	Form A (Make Contact)		
Contact Material	Iridium		
Glass Diameter	2.20 Ø	mm	Max
Glass Length	14.0	mm	Max
Overall Length	44.3 $^{\pm 0.5}$	mm	
Electrical Characteristics			
Pull-in	10 - 50	AT	
Drop-Out	5	AT	Min
Contact Resistance	100	mΩ	Max
Breakdown Voltage	250	DCV	Min
Insulation Resistance	10^{10}	Ω	Min
Electrostatic Capacitance	0.3	pF	Max
Contact Rating	10	W, VA	
Maximum Switching Voltage	200	DCV	
Maximum Switching Current	0.5	A	
Maximum Carry Current	1.0	A	
Operating Characteristics			
Operate Time	0.4	ms	Max
Bounce Time	0.3	ms	Max
Release TIme	0.05	ms	Max
Resonant Frequency	$5000^{\pm 400}$	Hz	
Maximum Operating Frequency	500	Hz	
Environmental Characteristics			
Schock	980(100G)	m/s^2	(6 ms)
Vibration	490(50G)	m/s^2	(10 - 2000 Hz)
Temperature Range	-40° + 125°	C°	
Lead Tensile Strength	29.4(3Kg)	N	

Note 1: When cutting or bending switch leads it is important that the glass seal is not damaged. The cutting or bending point should be no closer than 3mm [.118 in] to the glass to metal seal and the lead should be supported between the cutting or bending point and the glass to metal seal.
Note 2: We offer a crop and form service for Reed Switches to be customized to your specification.

REV. NO.	REVISION NOTE	DATE	SIGNATURE
A	Datasheet Redesign	February 2010	LG

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office wil be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

© 2010 Copyright Comus International, Inc.
Comus International, 454 Allwood Rd. Clifton, NJ 07012 USA. Website: www.comus-intl.com
USA: +(1) 973 777 6900 - UK: +44 (0) 1255 862236 - Belgium: + 32 (0)12 390400 - France: + 33 (0) 1 43 96 86 10

CERTIFIED BY STR-R ISO 9001:2000 REGISTERED COMPANY

TAKE A LOOK AT OUR VARIETY OF PRODUCTS

Float Switches | Acceleration / Shock Switches | Movement Sensors | Tilt / Tip Switches | Reed Relays | Solid State Relays | High Breakdown Switches | Reed Switches | Magnets | Electronic Tilt / Tip Over | Low Cost Non-Mercury | Rubber Keymats