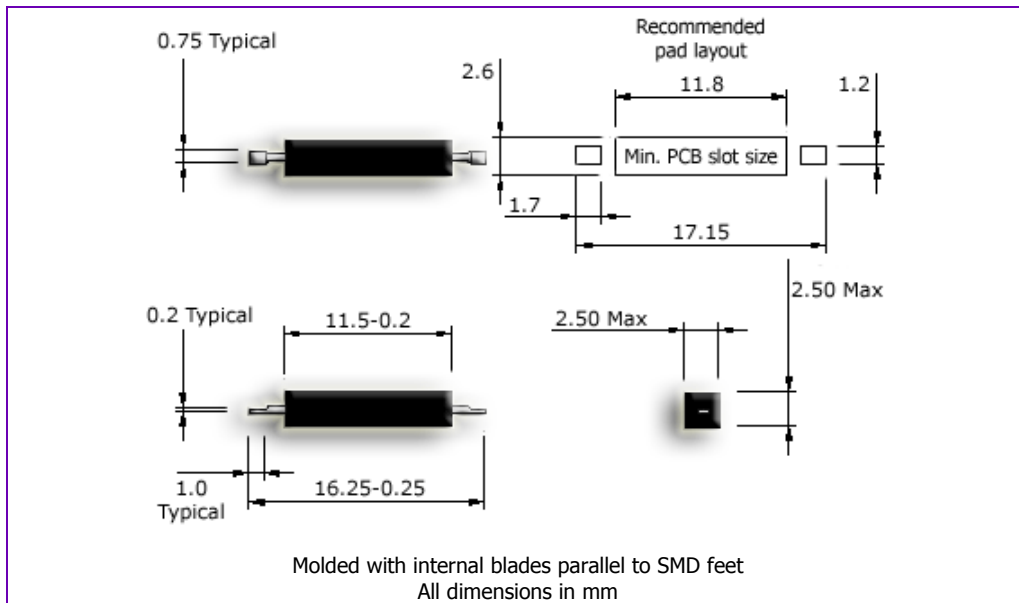


R3-F Miniature Low Profile SMD Reed Sensor

Low profile SMD Package, Normally Open



- ◆ Does not require power for operation
- ◆ Normally open (NO) form A contact
- ◆ Omni-polar device; actuates with either pole of magnet
- ◆ Molded with internal blades parallel to SMD feet
- ◆ Packed in tape and reels conforming to IEC-60286-3 norms
- ◆ Lead (Pb) free and RoHS compliant

Applications

This reed sensor is suitable for use in the following applications and many others: cellular phones and PDAs, weather proof electronics, electric tooth brushes, automobiles with electronic keys, digital pressure gauges, wind vanes, survival rafts and ELTs, pedometers, model gliders...

Specification

Contact Form		A
Contact Rating (max)	W / VA	10.0
Switching Current (max)	A	0.5
Carry Current (max)	A	0.75
Switching Voltage (max)	V _{DC}	100
Breakdown Voltage (min)	V _{DC}	150
Initial Contact Resistance (max)	mΩ	150
Operating Temperature	°C	-40 to +140
Shock Resistance (1/2Sin wave for 11ms)	g	30
Vibration Resistance (10-2000Hz)	g	20

Ordering Code

R3-F-(Operate AT Code)-(Packing Code)

OAT Code	*Before	*After	Packing Code	
1	10 – 15	18 – 31	L	Plastic Box (500)
2	15 – 20	28 – 41	G	Tape (2500)
3	20 – 25	38 – 51		

*Indicate Operate AT band before and after modification of leads

Example

R3-F-1-L denotes 10-15 operate AT packed in plastic boxes.

Due to continual improvement, specifications are subject to change without notice

www.reed-sensor.com

1 February 2008