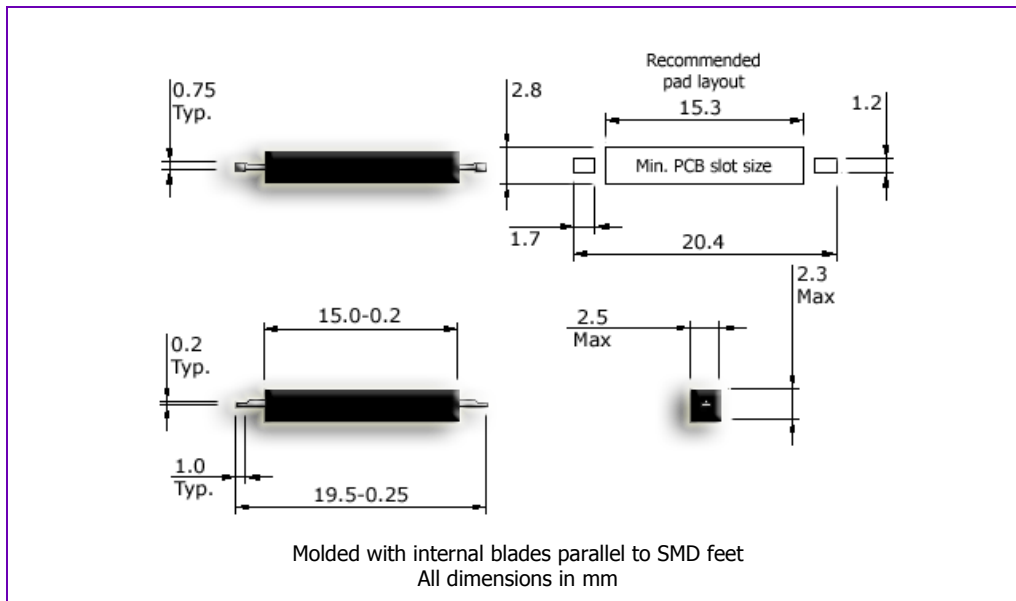


## R2-F Low Profile SMD Reed Sensor

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, fluid tank cap sensing, hands free kits...

### Specification

Contact Form		A
Contact Rating (max)	W / VA	10
Switching Current (max)	A	0.5
Carry Current (max)	A	1.5
Switching Voltage (max)	V <sub>DC</sub>	180
Breakdown Voltage (min)	V <sub>DC</sub>	200
Initial Contact Resistance (max)	mΩ	150
Operating Temperature	°C	-40 to +140
Shock Resistance (½Sin wave for 11ms)	g	30
Vibration Resistance (10-2000Hz)	g	20

### Ordering Code

R2-F-(Operate AT Code)-(Packing Code)

OAT Code	*Before	*After	Packing Code	
1	10 – 15	13 – 23	L	Plastic Box (500)
2	15 – 20	20 – 30	G	Tape (2500)
3	20 – 25	27 – 37		

\*Indicate Operate AT band before and after modification of leads

### Example

R2-F-1-G denotes 10-15 operate AT packed in taped spools.

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

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