

PCB/SMD Mount Reed Switch/Sensor

|                           |                           |  |               |
|---------------------------|---------------------------|--|---------------|
| Product Name              | Normally Open Reed Sensor | Item No.   | FRS-11A16SMDH |
|                           |                           | <p><b>Advantages:</b></p> <ol style="list-style-type: none"> <li>1. Easy installation, operate in magnetic field.</li> <li>2. Passive switch, no need outer power</li> <li>3. Cut through any non-iron materials.</li> </ol> |               |
| Item Numbers              | FRS-11A16SMDH             | FRS-11A16SMDH02A   |               |
| Built-in reed switch      | MKA10110                  | RI-02  |               |
| Switch Form               | Form A-SPST               | Form A-SPST  |               |
| Operate Range (AT)        | 8-40                      | 9-15   |               |
| Operate Time (ms)         | 0.35                      | 0.30   |               |
| Resonant Frequency (Hz)   | 5000                      | 10800  |               |
| Switched Power (max.)     | 10W                       | 10   |               |
| Switched Vdc/Vac (max.)   | 100V                      | 200/140  |               |
| Switched Current (max.)   | 0.5A                      | 0.5A   |               |
| Carry Current (max.)      | 0.5A                      | 0.5A   |               |
| Breakdown Voltage (min.)  | 110-150V                  | 200-230  |               |
| Contact Resist. (max.)    | 150m Ω                    | 150  |               |
| Contact Capacit. (max.)   | 0.5pF                     | 0.3  |               |
| Insulation Resist. (min.) | 10 <sup>6</sup>           | 10 <sup>12</sup>   |               |
| Mould Case                | Black Epoxy Resin         |  |               |
| Sealed technique          | Black Epoxy Resin         |  |               |
| Work Temperature          | -55~+230                  |  |               |
| Installation              | 2 pins, SMT               |  |               |