

# OBLONG DOMES

Stable Forces per Batch Number

Excellent Tactile Effect

100% Traceability per Batch Number

Competitive Pricing

Superior Quality

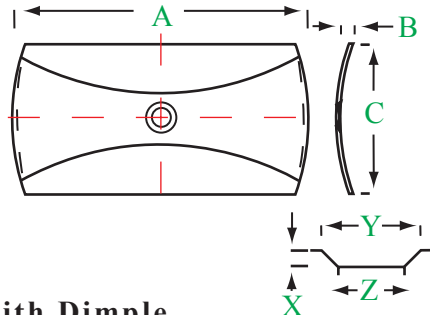
Custom Options

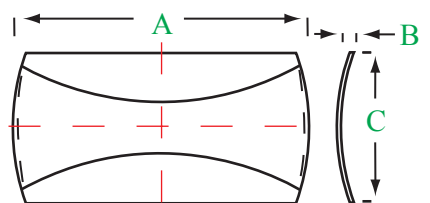
Used in a multitude of Industries, such as:  
Membrane Switch, Automotive, Consumer  
Electronics, Medical, Appliance, etc

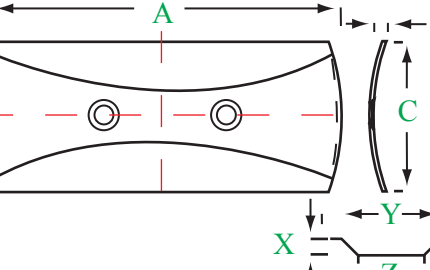
RoHS Compliant



|                       |                         |                             |                          |
|-----------------------|-------------------------|-----------------------------|--------------------------|
| Contact Configuration | SPST, Normally Open     | Contact Resistance          | <100 ohms                |
| Contact Bounce (on)   | <0.3ms                  | with Gold or Silver Plating | <1 ohm                   |
| Contact Bounce (off)  | <6ms                    | Voltage/Current Maximum     | 12mA @ 24 Volts DC, RL   |
| Operating Temperature | -55°C to 125°C          | Breakdown Voltage           | Over 200 Volts           |
| Storage Temperature   | -55°C to 125°C          | Material                    | Stainless Steel Type 304 |
| Humidity              | 0-97% (no condensation) | Life Expectancy             | 1 Million                |

|  <p><b>with Dimple</b></p> | Part No/Size          | Force | Dimensions (mm) |       |       |       |      |      |      |
|---|-----------------------|-------|-----------------|-------|-------|-------|------|------|------|
|   |                       |       | Thickness       | A     | B     | C     | X    | Y    | Z    |
|   | MD 9.00 x 17.78 - ODN | 280g  | 0.08            | 17.78 | 0.80  | 9.00  | 0.08 | 2.90 | 2.60 |
|   | MD 9.00 x 17.78 - ODN | 350g  | 0.08            | 17.78 | 0.87  | 9.00  | 0.08 | 2.90 | 2.60 |
|   | MD 12.8 x 25.40 - ODN | 280g  | 0.10            | 25.40 | 0.89  | 12.80 | 0.10 | 3.10 | 2.80 |
|   | MD 12.8 x 25.40 - ODN | 350g  | 0.10            | 25.40 | 1.03  | 12.80 | 0.08 | 3.10 | 2.80 |
|   | MD 12.8 x 38.10 - ODN | 350g  | 0.08            | 38.10 | 1.18  | 12.80 | 0.08 | 3.10 | 2.80 |
| MD 12.8 x 38.10 - ODN   | 400g                  | 0.08  | 38.10           | 1.18  | 12.80 | 0.08  | 3.10 | 2.80 |      |

|  <p><b>without Dimple</b></p> | Part No/Size          | Force | Dimensions (mm) |       |       |       |
|---|-----------------------|-------|-----------------|-------|-------|-------|
|   |                       |       | Thickness       | A     | B     | C     |
|   | MD 9.00 x 17.78 - ONN | 280g  | 0.08            | 17.78 | 0.82  | 9.00  |
|   | MD 9.00 x 17.78 - ONN | 350g  | 0.08            | 17.78 | 0.81  | 9.00  |
|   | MD 12.8 x 25.40 - ONN | 150g  | 0.08            | 25.40 | 0.79  | 12.80 |
|   | MD 12.8 x 25.40 - ONN | 290g  | 0.10            | 25.40 | 0.85  | 12.80 |
| MD 12.8 x 25.40 - ONN   | 350g                  | 0.10  | 25.40           | 1.03  | 12.80 |       |

|  <p><b>with Dimples</b></p> | Part No/Size | Force | Dimensions (mm) |      |       |      |     |      |   |
|---|--------------|-------|-----------------|------|-------|------|-----|------|---|
|   |              |       | Thickness       | A    | B     | C    | X   | Y    | Z |
| MD 12.8 x 50.80 - ODN   | 400g         | 0.08  | 50.80           | 1.30 | 12.80 | 0.15 | 3.0 | 2.70 |   |