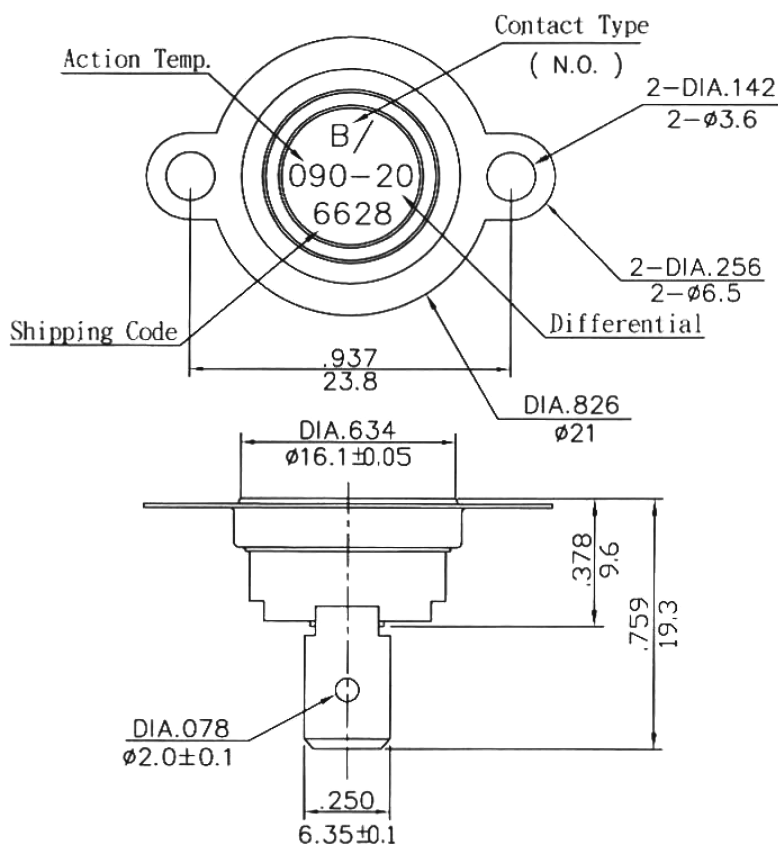


# Thermal Switch



## Specifications:

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| Contact Rating               | : 250V AC / 16A,<br>240V AC / 15A                       |
| No. of Pins                  | : 2                                                     |
| Sensor Housing               | : Plastic                                               |
| Sensor Terminals             | : Quick Connect                                         |
| Actuating Temperature        | : -70°C to +70°C                                        |
| Contact Current Max.         | : 10A                                                   |
| Contact Voltage Max.         | : 250V AC                                               |
| External Depth               | : 17mm                                                  |
| External Length / Height     | : 16mm                                                  |
| External Width               | : 30mm                                                  |
| Fixing Centres               | : 24mm                                                  |
| Material                     | : Thermoplastic                                         |
| No. of Electrical Operations | : 100,000                                               |
| Switch Operation             | : Normally Open                                         |
| Circuit Resistance           | : 50mΩ Max.                                             |
| Insulation Resistance        | : 50MΩ min. at DC 500V                                  |
| Dielectric Strength          | : AC 1,000V for One Minute<br>or AC 1,800V for One Sec. |

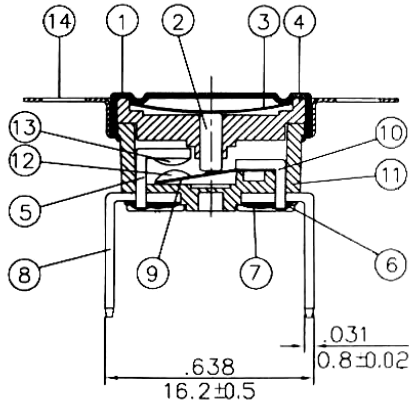


## Shipping Code

6 6 2 8  
28<sup>th</sup>  
JUNE MONTH  
2006 YEAR

Dimensions : Millimetres (Inches)

# Thermal Switch



| No | Part Name      | Material            |
|----|----------------|---------------------|
| 1  | Sensing Cap    | Aluminium           |
| 2  | Actuating Pin  | Ceramic             |
| 3  | Bimetal Disc   | Bimetal             |
| 4  | Retainer       | PPS                 |
| 5  | Stationary Arm | Brass Tin Plated    |
| 6  | Solder         | Tin                 |
| 7  | Glue           | Epoxy               |
| 8  | Terminal       | Brass Tin Plated    |
| 9  | Movable Arm    | Beryllium Copper    |
| 10 | Terminal-J     | Brass Tin Plated    |
| 11 | Case           | PPS                 |
| 12 | Contact-R      | Silver Alloy        |
| 13 | Contact-F      | Silver Alloy        |
| 14 | Bracket        | Steel Nickel Plated |

## Part Number Table

| Description              | Part Number    |
|--------------------------|----------------|
| Thermal Switch, NO, 90°C | T23B090ASR2-20 |

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