



Specifications:

Mechanical:

| | |
|-------------------------|------------------|
| Maximum Operating Force | : 50gf |
| Operating Temperature | : -10°C to +60°C |
| Storage Temperature | : -20°C to +70°C |
| External Height | : 2mm |
| External Width | : 4mm |
| External Depth | : 5.55mm |
| Series | : MCFTE |

Electrical:

| | |
|-------------------------------|-------------------|
| Electrical Life | : 100,000 cycles |
| Rating | : 1mA, 5V DC |
| Maximum Contact Resistance | : 2Ω |
| Minimum Insulation Resistance | : 100MΩ |
| Dielectric Strength | : 100V AC/1minute |
| No. of Poles | : 1 |
| Contact Configuration | : SPST |

Material:

| | |
|----------|--|
| Cover | : Stainless steel |
| Base | : Nylon high-temperature thermoplastic Colour : Black |
| Stem | : Nylon high-temperature thermoplastic Colour : Black |
| Contact | : Stainless with silver plated Stainless with Au plated |
| Terminal | : Brass with silver plated Brass with Au plated |
| Spring | : Piano wire |

Soldering Process:

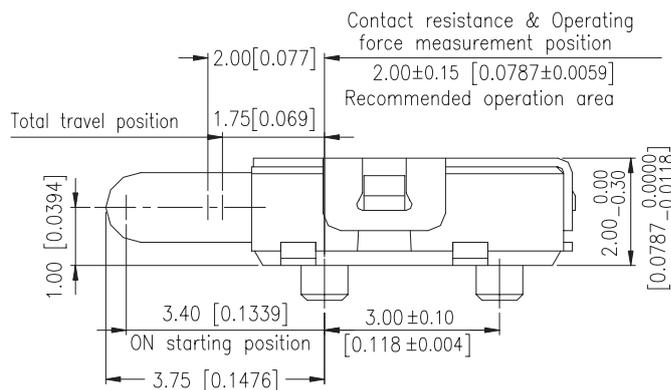
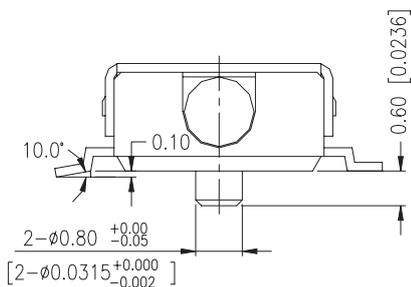
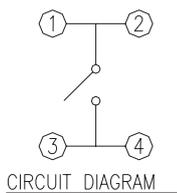
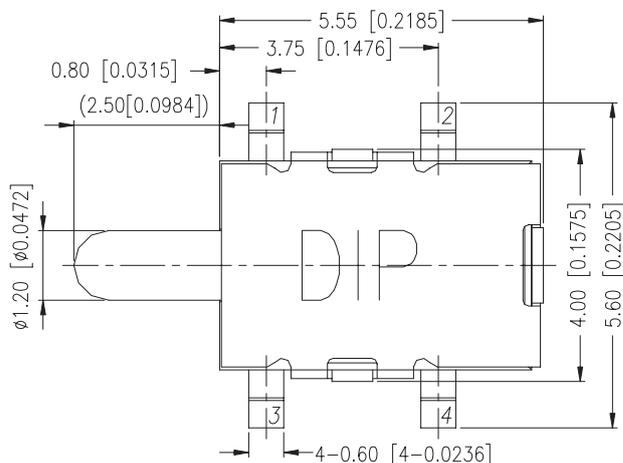
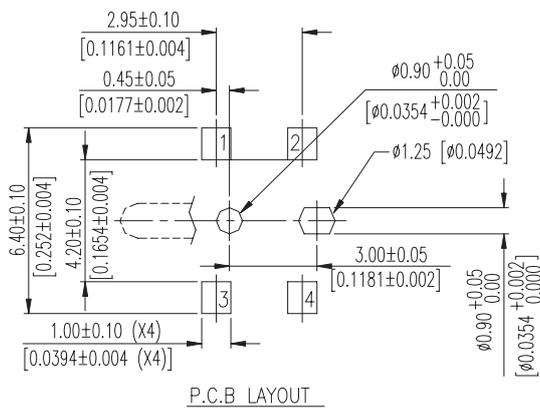
For best results, please follow these recommendations:

| | |
|------------------|---|
| Hand Soldering | : Use a soldering iron of 30W, controlled at 608°F (350°C) approximately maximum 5 seconds while applying |
| Reflow Soldering | : When applying reflow soldering, the peak temperature or the reflow oven should be set to 260°C maximum |

Detector Switch - Micro



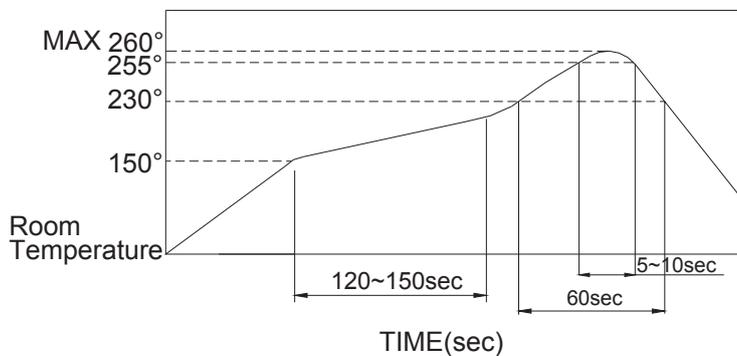
MCFTE-2C-V



Dimensions : Millimetres (Inches)

General Tolerance : ±0.2

Reflow Temperature Profile:



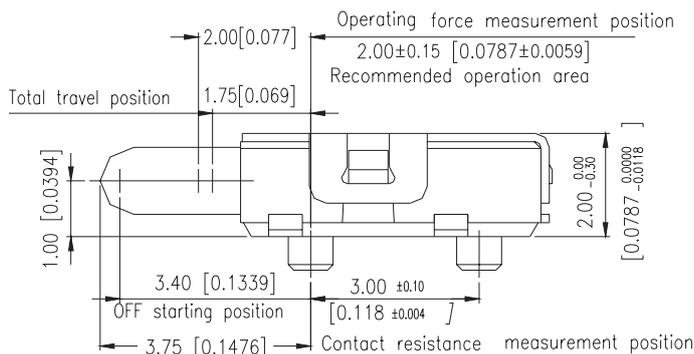
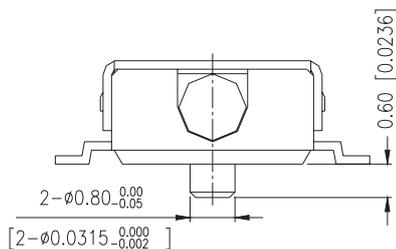
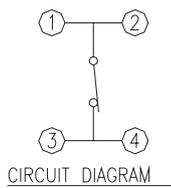
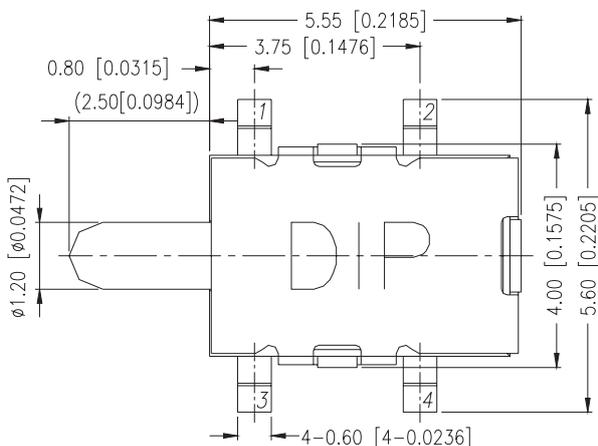
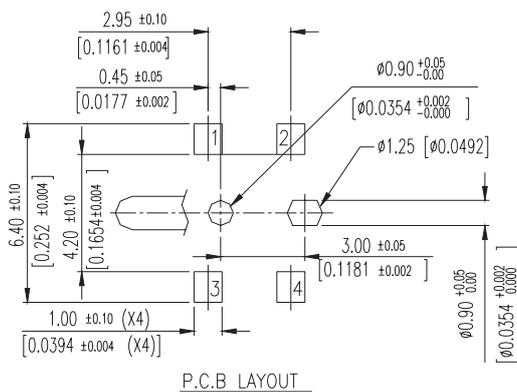
www.element14.com
www.farnell.com
www.newark.com



Detector Switch - Micro



MCFTE-3C-V



Dimensions : Millimetres (Inches)

General Tolerance : ±0.2

Part Number Table

| Description | Part Number |
|---------------------------|-------------|
| Switch, Micro Detect, SMD | MCFTE-2C-V |
| Switch, Micro Detect, SMD | MCFTE-3C-V |

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