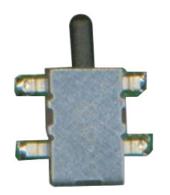
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manacomp	MCFTE - Series	-	1.0	RELEASED	AB	05/07/13	ER	05/07/13	ER	05/07/13	



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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 : 5.55mm
External Depth Series	: MCFTE
001100	. MGFTE
Electrical:	
Electrical Life	: 100,000 cycles
Rating	: 1mA, 5V DC
Maximum Contact Resistance Minimum Insulation Resistance	: 2Ω : 100MO
Dielectric Strength	: 100MΩ : 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

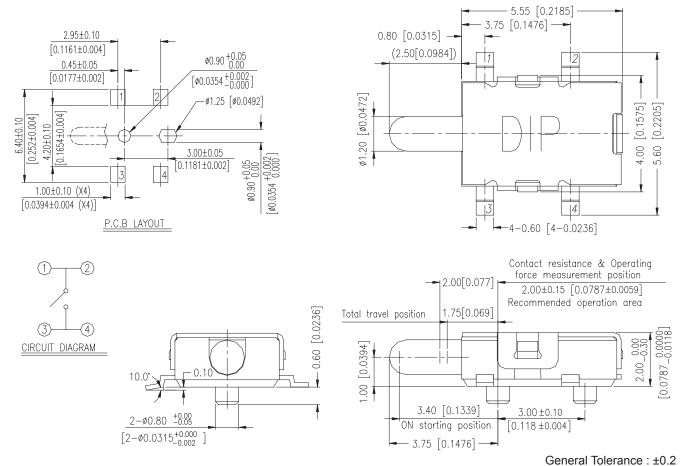
Reflow Soldering

: When applying reflow soldering, the peak temperature or the reflow oven should be set to 260°C maximum

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MCFTE-2C-V

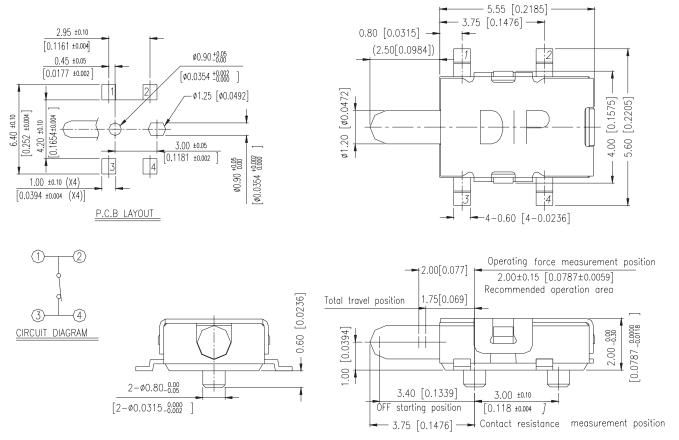


Dimensions : Millimetres (Inches)

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MCFTE-3C-V



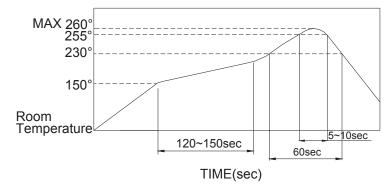
Dimensions : Millimetres (Inches)

General Tolerance : ±0.2

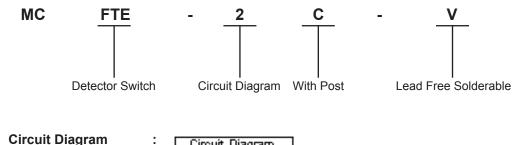
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Reflow Temperature Profile:



Part Number Explanation:



Circuit Diagram

Circuit Diagram 2C 3C ሙ– -120 ത ۵Ŀ

Part Number Table

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

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

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