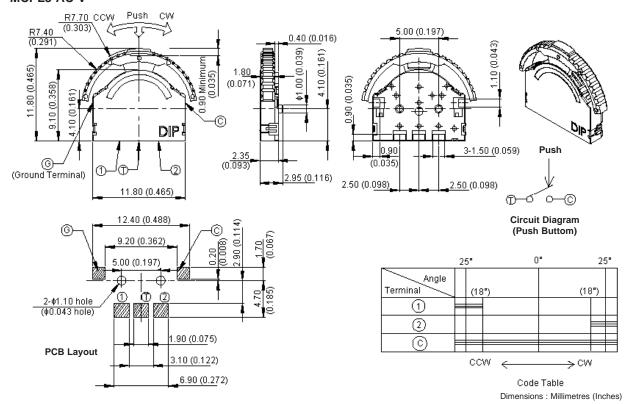


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MCPL3-AC-V



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 DATE:

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 17/06/08

DRAWING TITLE:

Navigation Switch - Push and Lever

SIZE DWG NO. M10001224 ELECTRONIC FILE PL3-V_DWG A

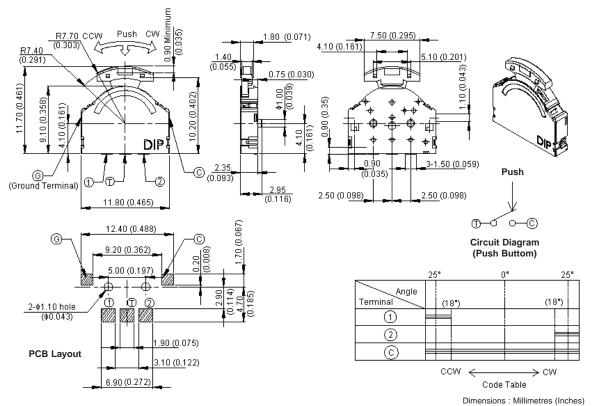
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DRAWING TITLE:

Navigation Switch - Push and Lever

SIZE DWG NO. M10001224

ELECTRONIC FILE PL3-V_DWG

U.O.M.: mm (Inches) SHEET:

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Specifications:

Mechanical:

Operating force : Center push 200 \pm 100gf. Lever {CW.CCW} 70 \pm 50gf.

Operating temperature range : -10°C to +60°C.
Storage temperature range : -30°C to 80°C.
Mechanical life : 100,000 cycles.

Electrical:

 $\begin{array}{ll} \mbox{Electrical life} & : 100,000 \mbox{ cycles.} \\ \mbox{Rating} & : 10 \mbox{Max}, \mbox{5V dc.} \\ \mbox{Maximum contact resistance} & : 500 \Omega. \\ \end{array}$

 $\begin{array}{ll} \mbox{Minimum insulation resistance} & : 100M\Omega \mbox{ at } 100V \mbox{ dc.} \\ \mbox{Dielectric strength} & : 100V \mbox{ ac/1 minute.} \\ \mbox{Circuit} & : Single \mbox{ pole single throw.} \end{array}$

Material:

Cover : Stainless steel.

Base : Nylon high-temperature thermoplastic.

Color : Black.

Stem : Nylon high-temperature thermoplastic.

Color : Black.

Contact : Phosphor bronze with silver cladding at contact surface.

Terminal : Phosphor bronze with silver cladding at contact surface.

Spring : Stainless steel.

Soldering Process:

Hand Soldering: Use a soldering iron of 30 watts, controlled at 350°C approximately maximum 5 seconds while applying.

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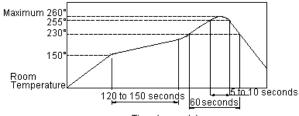
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8	Navigation Switch - Push and Lever								
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MCPL3 - Series

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Temperature Profile:

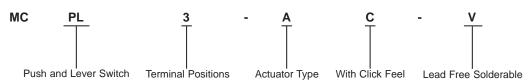


Time (seconds)

Part Number Table

Description	Part Number
Navigation Switch, 3 Way SMD	MCPL3-AC-V
Mangation Switch, 3 Way Sivid	MCPL3-BC-V

Part Number Explanation:



Terminal Positions

: 3 = 3 Throws.

Actuator Type

: A = Mounting Knob Integrated and B = Mounting Knob.

http://www.farnell.com

http://www.newark.com

http://www.cpc.co.uk

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G.Cook	17/06/08

 DRAWING TITLE:

 Navigation Switch - Push and Lever

 SIZE A
 DWG NO. A
 M10001224
 ELECTRONIC FILE PL3-V_DWG
 REV A

 SCALE: NTS
 U.O.M.: mm (Inches)
 SHEET: 4 OF 4