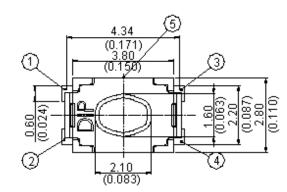
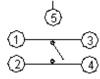
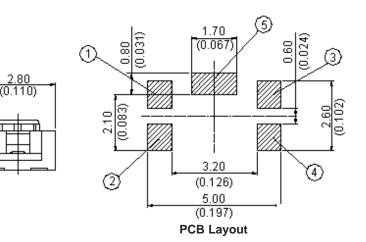
	PART NO.	REVISIONS										
	Т Г	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE		
		-	А	RELEASED	Veena	03/6/08	Suresh	03/6/08	G. C	17/6/08		

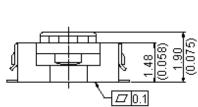
**MCIPTG** 

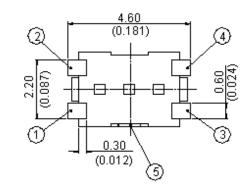




**Circuit Diagram** 







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Dimensions : Millimetres (Inches)

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		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
	MCIPTG - Series	-	A	RELEASED	Veena	03/6/08	Suresh	03/6/08	G. C	17/6/08	
Specifications: Mechanical:											

Meenanical.	
Operating force	: 160 ± 50gf vertical push 220 +80/-70gf side push.
Stroke	: 0.25 +0.2/-0.1mm.
Operating temperature	: -30°C to 80°C.
	: -40°C to 80°C.
Storage temperature Electrical:	40 C 10 80 C.
Electrical life	: 100,000 cycles.
Rating	: 50mA, 12V dc.
Maximum contact resistance	: 100mΩ.
Minimum insulation resistance	: 100MΩ at 100V dc.
Dielectric strength	: 100V ac/1 minute.
Material:	
Cover	: Stainless steel with silver plating
Spacing cover	: Stainless steel.
Stem	: LCP High-temperature thermop
Color	: Black.
Таре	: Teflon.
Contact	: Stainless steel with silver plating
Base	: LCP High-temperature thermop
Color	: Black.
Terminal	: Brass, with silver plating

## Materia Cover

: Stainless steel with silver plating.
: Stainless steel.
: LCP High-temperature thermoplastic.
: Black.
: Teflon.
: Stainless steel with silver plating.
: LCP High-temperature thermoplastic
: Black.
: Brass, with silver plating
Brass, gold plated.

## **Soldering Process:**

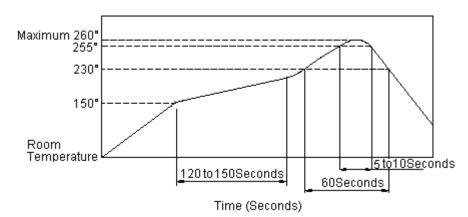
Hand Soldering Reflow Soldering : Use a soldering iron of 30 watts, controlled at 350°C approximately maximum 5 seconds while applying.

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

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believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.		ELECTRONIC FILE	REV
data sheet should check for themselves the Information and the suitability of the prod- ucts for their purpose and not make any assumptions based on information included or	DIMENSIONS ARE	Suresh	03/06/08	Δ	M10001231	IPTG Switch DWG	Α
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or estrict the Group's liability of each or personal injury resulting from its negligence. SPC MULTICOMP is the registered trademark of the Group. © Premier Farnell plc 2008.		G.Cook	17/06/08	SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 2 O	DF 3

<b>multicomp</b>	PART NO.	REVISIONS									
	MCIPTG - Series	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
		-	А	RELEASED	Veena	03/6/08	Suresh	03/6/08	G. C	17/6/08	

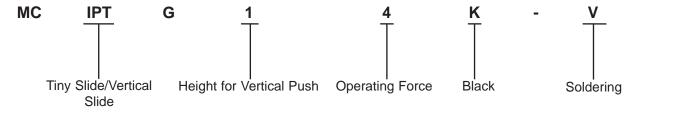
**Reflow Temperature Profile:** 



## Part Number Table

Description	Part Number
Switch, 2.8 x 3.8mm Horizontal Push	MCIPTG14K-V
Switch, 2.8 x 3.8mm Vertical Push	MCIPTG23K-V
Switch, 2.8 x 3.8mm Vertical Push	MCIPTG33K-V

## Part Number Explanation:



Height for Vertical Push: 1 = Side Push, 2 = Vertical Push H : 1.90mm and 3 = Vertical Push H : 2.50mm (to be available).Operating Force: 3 = 160gf (only for vertical push) and 4 = 200gf (only for side push).

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	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.		ELECTRONIC FILE		REV
	FOR REFERENCE	Suresh	03/06/08	Δ	M10001231			Α
		APPROVED BY:	DATE:					
		G.Cook	17/06/08	SCALE: NTS	U.O.M.: mm (Inches)	SHEET:	3 O	F 3

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