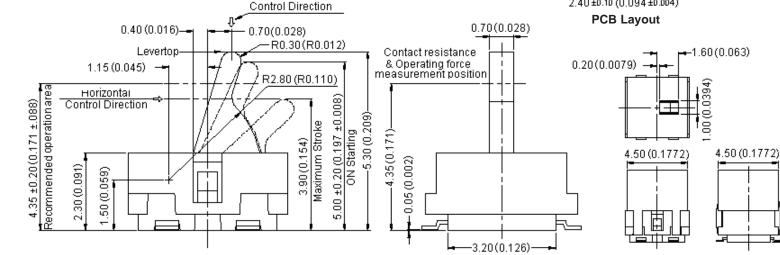
	PART NO.			REVISIONS						
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
	MCATE - Series	-	A	RELEASED	Geetha	03/6/08	Suresh	03/6/08	G. C	17/6/08
MCATE-1										
		8) D		2.40 ±0.10 (0.094 ±0.004)						



With Dust Cover (5/1) Dimensions : Millimetres (Inches)

.2087)

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MCATE - Series ECN # REV DESCRIPTION DRAWN DATE CHECKD DATE					REVISIONS						
MCATE-Series A RELEASED Geetra 03/6/08 Suresh 03/6/08 G. C 17/6/08 MCATE-2 MCATE-2		PART NO.	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
Vertical Vertic		MCATE - Series	-	A	RELEASED	Geetha	03/6/08	Suresh	03/6/08	G. C	17/6/08
	MCATE-2 MCATE-2	0.185) 0.094) 9 9 9 9 9 1 1 1 1 1 1 1 1	tance orce		A (0000	Geetha	03/6/08				
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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 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	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.		ELECTRONIC FILE	REV
	DIMENSIONS ARE FOR REFERENCE	Suresh	03/06/08		M10001221	ATE-V_DWG	А
officed. Elability for 1055 of damage resulting formally follarios of the montation of	PURPOSES ONLY.	APPROVED BY:	DATE:		<u> </u>		
or restrict the Group's liability for death or personal injury resulting from this negligence. SPC MULTICOMP is the registered trademark of the Group. © Premier Farnell pic 2008.		G.Cook	17/06/08	SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 2 OF	F 4

multicomp	PART NO.			REVISIONS						
	I	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		-	А	RELEASED	Geetha	03/6/08	Suresh	03/6/08	G. C	17/6/08

Specifications:		
Mechanical:		
Maximum operating force	: 40gf.	
Maximum stroke	: 3.90mm (stem height 5.30mm)	
	2.60mm (stem height 3.80mm).	
Operating temperature	: -10°C to +60°C.	
Storage temperature	: -20°C to +70°C.	
Electrical:		
Electrical life	: 100,000 cycles.	
Rating	: 1mA, 5V dc.	
Maximum contact resistance	: 1Ω.	
Minimum insulation resistance	: 100MΩ 100V dc.	
Dielectric strength	: 100V ac/1 minute.	
Rate of operating	: 20 to 25 operation per minute.	
Material:		
Cover(1)	: LCP High-temperature thermoplastic.	
	Color : Black.	
Cover(2)	: LCP High-temperature thermoplastic.	
	Color : Black.	
Stem	: LCP High-temperature thermoplastic.	
	Color : Black.	
Contact	: Stainless with silver cladding.	
Base	: PA9T High-temperature thermoplastic.	
	Color : Black.	
Terminal	: Brass, silver plating.	

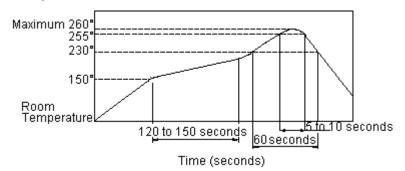
Soldering Process:

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

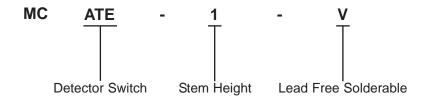
Temperature Profile:



Part Number Table

Description	Part Number
Switch, Card Detect Top Actuated SMD	MCATE-1-V
Switch, Card Delect Top Actualed SMD	MCATE-2-V

Part Number Explanation:



Stem Height : 1 = 5.30mm and 2 = 3.80mm.

http://www.farnell.com

http://www.newark.com

http://www.cpc.co.uk

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