



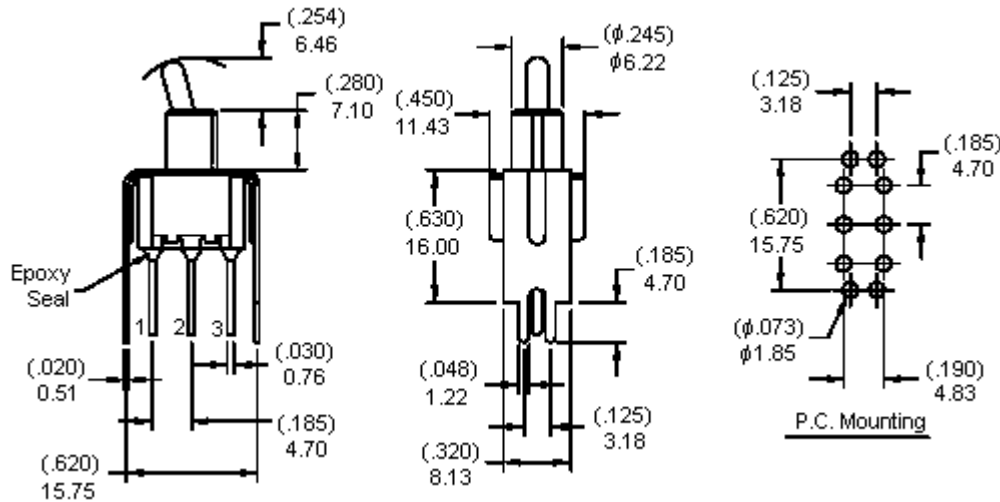
PART NO.

1MD1T2B4V3RE

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	31/5/05	Shashi	31/5/05	NK	14/6/05

Miniature, PCB Mounting



Dimensions : Millimetres (Inches)

Features:

- Mounting bracket solders directly to PCB.
- Plain bush for easy front panel removal.
- Standard series have epoxy terminal seal, compatible with bottom wash cleaning.

Specifications:

Electrical Life	: 40,000 make-and -break cycles at full load.
Contact Resistance	: 10mΩ maximum initial at 2 -4V dc 100mA for both silver and gold plated contacts.
Insulation Resistance	: 1000MΩ minimum.
Dielectric Strength	: 1000V RMS at sea level.
Operating Temperature	: -30°C to +85°C.

Materials:

Case	: Dially phthalate (DAP).
Actuator	: Brass, Chrome plated.
Bushing	: Brass, Nickel plated.
Housing	: Stainless Steel.
Terminal/Contact	: Silver or gold plated.
Switch Support	: Brass, Tin plated.

Rating:

R	: 0.4 Volt-Amps (VA) maximum at 20V maximum (AC or DC).
Q	: 2 Amps at 250V ac. 5 Amps at 120V ac or 28V dc.

This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is 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 products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. MULTICOMP is the registered trademark of the Group. © Premier Farnell plc 2004.

**TOLERANCES:**  
**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.**

<b>DRAWN BY:</b>	<b>DATE:</b>
Veena	31/05/05
<b>CHECKED BY:</b>	<b>DATE:</b>
Shashi	31/05/05
<b>APPROVED BY:</b>	<b>DATE:</b>
NK	14/06/05

<b>DRAWING TITLE:</b>			
1MD1T2B4V3RE - DPDT Vertical Mounting - Standard			
<b>SIZE</b>	<b>DWG NO.</b>	<b>ELECTRONIC FILE</b>	<b>REV</b>
A	M1000000165	39971_DWG	
<b>SCALE: NTS</b>		<b>U.O.M.: mm (Inches)</b>	<b>SHEET: 1 OF 3</b>



PART NO.

1MD1T2B4V3RE

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	31/5/05	Shashi	31/5/05	NK	14/6/05

Switch Function

	Position 1	Position 2	Position 3
<b>Terminals Common</b>	2-3, 5-6	None	2-1, 5-4
<b>SCHEMATIC</b>		OPEN	

Specification Table

Description	Type	Lever Length	Part Number
Vertical Mounting - Standard	DPDT on-on	6.46	1MD1T2B4V3RE

Dimensions : Millimetres

This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is 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 products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. MULTICOMP is the registered trademark of the Group. © Premier Farnell plc 2004.

**TOLERANCES:**  
**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.**

<b>DRAWN BY:</b>	<b>DATE:</b>
Veena	31/05/05
<b>CHECKED BY:</b>	<b>DATE:</b>
Shashi	31/05/05
<b>APPROVED BY:</b>	<b>DATE:</b>
NK	14/06/05

<b>DRAWING TITLE:</b>			
1MD1T2B4V3RE - DPDT Vertical Mounting - Standard			
<b>SIZE</b>	<b>DWG NO.</b>	<b>ELECTRONIC FILE</b>	<b>REV</b>
A	M1000000165	39971_DWG	
<b>SCALE: NTS</b>		<b>U.O.M.: mm (Inches)</b>	<b>SHEET: 2 OF 3</b>



PART NO.

1MD1T2B4V3RE

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	31/5/05	Shashi	31/5/05	NK	14/6/05

Notes:

International Sales Offices:

- AUSTRALIA - Farnell InOne**  
Tel No: ++ 61 2 9645 8888  
Fax No: ++ 61 2 9644 7898
- AUSTRIA - Farnell InOne**  
Tel No: ++ 43 662 2180 680  
Fax No: ++ 43 662 2180 670
- BELGIUM - Farnell InOne**  
Tel No: ++ 32 3 475 2810  
Fax No: ++ 32 3 227 3648
- BRAZIL - Farnell-Newark InOne**  
Tel No: ++ 55 11 4066 9400  
Fax No: ++ 55 11 4066 9410
- CHINA - Farnell-Newark InOne**  
Tel No: ++86 10 6238 5152  
Fax No: ++86 10 6238 5022
- DENMARK - Farnell InOne**  
Tel No: ++ 45 44 53 66 44  
Fax No: ++ 45 44 53 66 06
- ESTONIA - Farnell InOne**  
Tel No: ++ 358 9 560 7780  
Fax No: ++ 358 9 345 5411
- FINLAND - Farnell InOne**  
Tel No: ++ 358 9 560 7780  
Fax No: ++ 358 9 345 5411
- FRANCE - Farnell InOne**  
Tel No: ++ 33 474 68 99 99  
Fax No: ++ 33 474 68 99 90
- GERMANY - Farnell InOne**  
Tel No: ++ 49 89 61 39 39 39  
Fax No: ++ 49 89 613 59 01
- HONG KONG - Farnell-Newark InOne**  
Tel No: ++ 852 2268 9888  
Fax No: ++ 852 2268 9899
- IRELAND - Farnell InOne**  
Tel No: ++ 353 1 830 9277  
Fax No: ++ 353 1 830 9016
- ITALY - Farnell InOne**  
Tel No: ++ 39 02 93 995 200  
Fax No: ++ 39 02 93 995 300
- MALAYSIA - Farnell-Newark InOne**  
Tel No: ++ 60 3 7873 8000  
Fax No: ++ 60 3 7873 7000
- NETHERLANDS - Farnell InOne**  
Tel No: ++ 31 30 241 7373  
Fax No: ++ 31 30 241 7333
- NORWAY - Farnell InOne**  
Tel No: ++ 45 44 53 66 66  
Fax No: ++ 45 44 53 66 02
- PORTUGAL - Farnell InOne**  
Tel No: ++ 34 93 475 8804  
Fax No: ++ 34 93 474 5288
- SINGAPORE - Farnell-Newark InOne**  
Tel No: ++ 65 6788 0200  
Fax No: ++ 65 6788 0300
- SPAIN - Farnell InOne**  
Tel No: ++ 34 93 475 8805  
Fax No: ++ 34 93 474 5107
- SWEDEN - Farnell InOne**  
Tel No: ++ 46 8 730 50 00  
Fax No: ++ 46 8 83 52 62
- SWITZERLAND - Farnell InOne**  
Tel No: ++ 41 1 204 64 64  
Fax No: ++ 41 1 204 64 54
- UK - Farnell InOne**  
Tel No: ++ 44 8701 200 200  
Fax No: ++ 44 8701 200 201
- UK - BuckHickman InOne**  
Tel No: ++ 44 8450 510 150  
Fax No: ++ 44 8450 510 130
- UK - CPC**  
Tel No: ++ 44 8701 202 530  
Fax No: ++ 44 8701 202 531

**export** EXPORT - Farnell InOne  
Tel No: ++ 44 8701 200 208  
Fax No: ++ 44 8701 200 209  
For enquiries from all other markets

- <http://www.farnellinone.com>
- <http://www.buckhickmaninone.com>
- <http://www.cpc.co.uk>

This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is 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 products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. MULTICOMP is the registered trademark of the Group. © Premier Farnell plc 2004.

**TOLERANCES:  
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.**

<b>DRAWN BY:</b>	<b>DATE:</b>
Veena	31/05/05
<b>CHECKED BY:</b>	<b>DATE:</b>
Shashi	31/05/05
<b>APPROVED BY:</b>	<b>DATE:</b>
NK	14/06/05

<b>DRAWING TITLE:</b>			
1MD1T2B4V3RE - DPDT Vertical Mounting - Standard			
<b>SIZE</b>	<b>DWG NO.</b>	<b>ELECTRONIC FILE</b>	<b>REV</b>
A	M1000000165	39971_DWG	
<b>SCALE: NTS</b>		<b>U.O.M.: mm (Inches)</b>	<b>SHEET: 3 OF 3</b>