

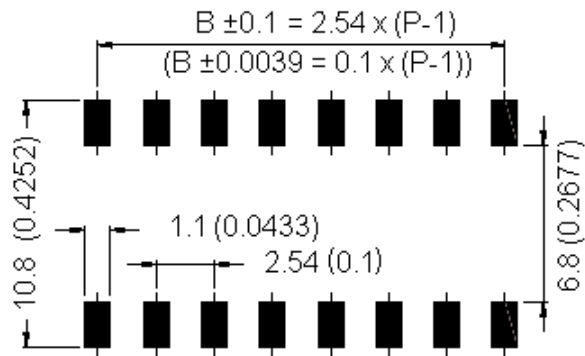
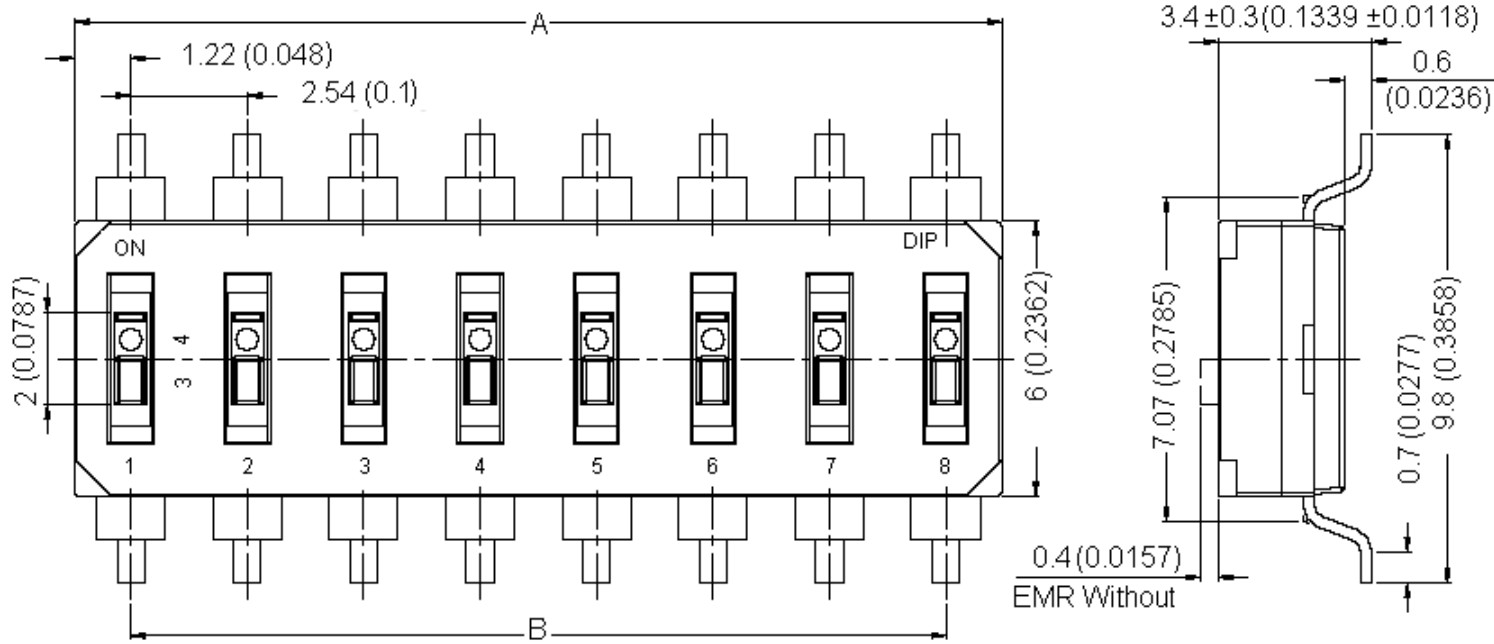


PART NO.

MCEMR Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Ashok	19/01/12	Jagan	19/01/12	Farnell	02/02/12



PCB Layout

Dimensions : Millimetres (Inches)

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DRAWN BY:	DATE:
Ashok	19/01/12
CHECKED BY:	DATE:
Jagan	19/01/12
APPROVED BY:	DATE:
	02/02/12

DRAWING TITLE:

Dual In Line Switches - End Stackable

SIZE A	DWG NO. M10000814	ELECTRONIC FILE EI(M)R-V_DWG	REV A
SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 1 OF 3



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Specifications:

Mechanical:

Mechanical life : 2,000 operations
 Maximum operating force : 1,000 gf
 Stroke : 1.0 mm
 Operating temperature : -20°C to +85°C
 Storage temperature : -40°C to +85°C

Electrical:

Electrical life : 2,000 cycles
 Rating : 25 mA, 24 V dc
 Minimum Contact resistance : 100 mΩ at 500 V dc
 Maximum Insulation resistance : 100 MΩ at 500 V dc
 Dielectric strength : 500 V ac/1 minute
 Circuit : 1 pole throw

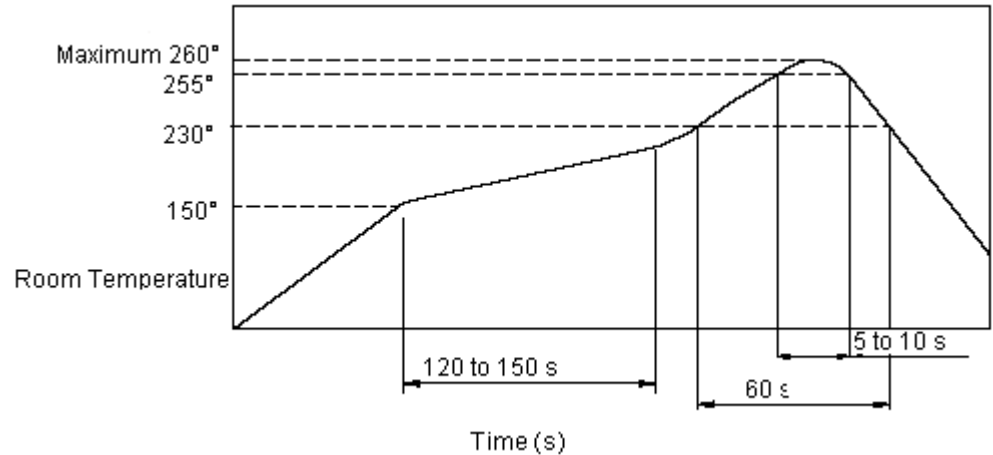
Material:

Base and cover : UL 94V-0 Nylon high temperature thermoplastic
 Colour : Black
 Actuator : UL 94V-0 LCP high temperature thermoplastic
 Colour : White
 Contact : Alloy copper with gold plated
 Terminal : Brass with gold plated
 Tape : Kapton

Soldering Process:

Wave soldering : Recommended solder temperature at 500°F (260°C) maximum 5 seconds for through hole type
Hand soldering : Use a soldering iron of 30 watts, controlled at 350°C approximately maximum 5 seconds while applying
Reflow Soldering : When applying reflow soldering, the peak temperature or the reflow oven should be set at 260°C maximum
 Do not wash the switch except top tape sealed type, which suitable for spray cleaning method from top of the s/w

Reflow Temperature Profile



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	Ashok	19/01/12				
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	Veena	19/01/12	A	M10000814	EI(M)R-V_DWG	A
APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: mm (Inches)		SHEET: 2 OF 3
	02/02/12					



PART NO.

MCEMR Series

REVISIONS

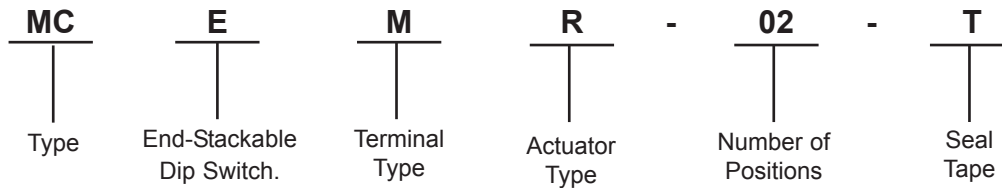
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Specifications Table

Number of Positions	A	B	Part Number
2	4.98 (0.196)	2.54 (0.1)	MCEMR-02-T
3	7.52 (0.296)	5.08 (0.2)	MCEMR-03-T
4	10.06 (0.396)	7.62 (0.3)	MCEMR-04-T
5	12.6 (0.496)	10.16 (0.4)	MCEMR-05-T
6	15.14 (0.596)	12.7 (0.5)	MCEMR-06-T
7	17.68 (0.696)	15.24 (0.6)	MCEMR-07-T
8	20.22 (0.796)	17.78 (0.7)	MCEMR-08-T
9	22.76 (0.896)	20.32 (0.8)	MCEMR-09-T
10	25.3 (0.996)	22.86 (0.9)	MCEMR-10-T
12	30.38 (1.196)	27.94 (1.1)	MCEMR-12-T

Dimensions: Millimetres (Inches)

Part Number Explanation



- Terminal Type** : M = SMT Type
- Actuator Type** : R = Recessed Actuator
- Number of Positions** : 02, 03, 04 05, 06, 07, 08, 09, 10, 12 Positions
- Seal Tape** : T = Top Tape Sealed (For Recessed Actuator only)

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APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: mm (Inches)		SHEET: 3 OF 3
		02/02/12				