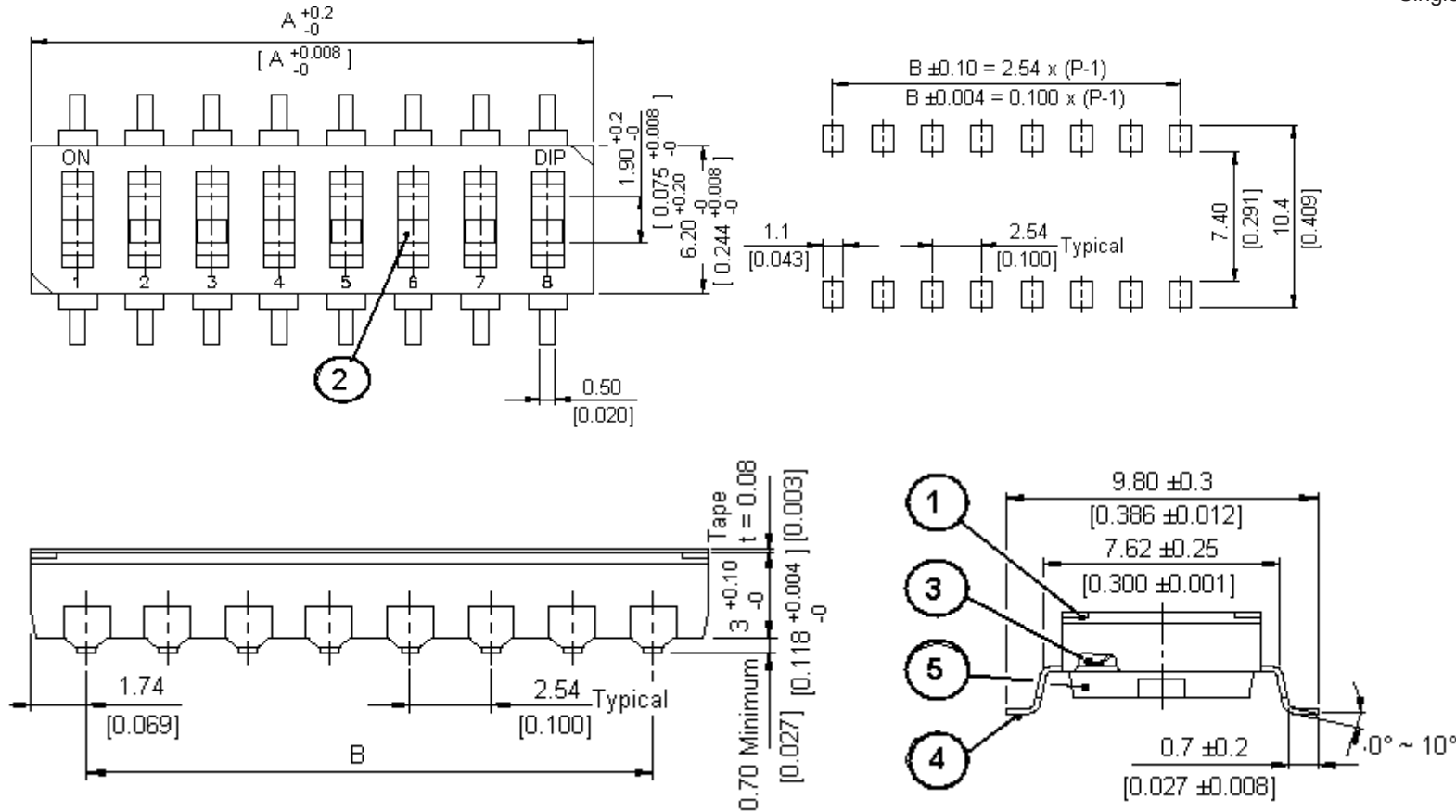


ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	S. R	17/3/06	K. S	17/3/06	N. K	31/3/06

Low Profile - Surface Mount

Features:

- Single pole single throw DIL switches.



Dimensions : Millimetres (Inches)

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DRAWN BY:

S. Ram

DATE:

17/03/06

CHECKED BY:

K. Suresh

DATE:

17/03/06

APPROVED BY:

N. Kiwomya

DATE:

31/03/06

DRAWING TITLE:

DM(R) Series - DIL Switches

SIZE
A

DWG NO.

M10000233

ELECTRONIC FILE
213302_DWG

REV
A

SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 1 OF 5

	PART NO. MCDM(R) Series	REVISIONS								
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		-	A	RELEASED	S. R	17/3/06	K. S	17/3/06	N. K	31/3/06
Specifications: Mechanical: Mechanical Life : 2000 operations per switch. Maximum Operation Force : 1000gf. Stroke : 1.0 mm Operation Temperature : -20°C to +85°C. Storage Temperature : -40°C to +85°C. Electrical: Electrical Life : 2000 operations minimum per switch 24V dc, 25mA. Non-switching Rating : 100mA, 50V dc. Switching Rating : 25mA, 24V dc. Contact Resistance : (a) 50mΩ maximum at initial (b) 100mΩ maximum after life test. Insulation Resistance : 100MΩ minimum 500V dc. Dielectric Strength : 500V ac/minute. Maximum Capacitance : 5pF. Circuit : Single pole single throw. Materials: Base and Cover : PPS high-temperature thermoplastic Colour : Black. Actuator : Nylon thermoplastic (Standard) Nylon high-temperature thermoplastic (V-option) Colour : White. Contact : Alloy copper with gold plated. Terminal : Brass with gold plated. Contact Plating : Gold plated over nickel. Terminal Plating : Gold plated. Tape : Kapton.										
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			CHECKED BY: K. Suresh	DATE: 17/03/06	SIZE A	DWG NO. M10000233		ELECTRONIC FILE 213302_DWG		REV A
			APPROVED BY: N. Kiwomya	DATE: 31/03/06	SCALE: NTS		U.O.M.: mm (Inches)		SHEET: 2 OF 5	



PART NO.

MCDM(R) Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	S. R	17/3/06	K. S	17/3/06	N. K	31/3/06

Soldering and Cleaning Process:

For best results, please follow these recommendation:

Keep all switch contacts in their "OFF" position for all operations.

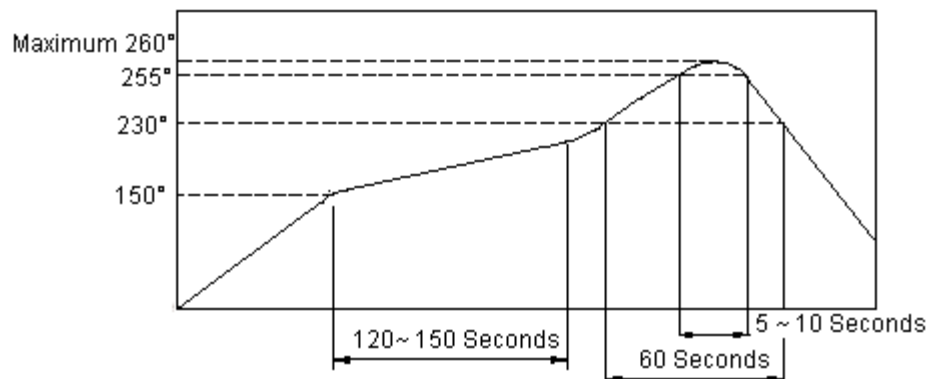
Wave Soldering: Recommended solder temperature at 500°F (260°C) maximum of 5 seconds for through hole type.

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

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

Any flux enters the switch may fail the conductivity.

Do not clean the switch body except top tape sealed type, which only suitable for spray cleaning method from top of the s/w.

**Specifications Table**

Number of Positions	Dimension A	Dimension B	Part Number
02	6.02 (0.237)	2.54 (0.100)	MCDM(R)-02-T
04	11.10 (0.437)	7.62 (0.300)	MCDM(R)-04-T
06	16.18 (0.637)	12.70 (0.500)	MCDM(R)-06-T
08	21.26 (0.837)	17.78 (0.700)	MCDM(R)-08-T
10	26.34 (1.037)	22.86 (0.900)	MCDM(R)-10-T

Dimensions : Millimetres (Inches)

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DRAWN BY:

S. Ram

DATE:

17/03/06

CHECKED BY:

K. Suresh

DATE:

17/03/06

APPROVED BY:

N. Kiwomya

DATE:

31/03/06

DRAWING TITLE:**DM(R) Series - DIL Switches****SIZE**
A**DWG NO.****M10000233****ELECTRONIC FILE**
213302_DWG**REV**
A**SCALE: NTS****U.O.M.: mm (Inches)****SHEET: 3 OF 5**

	PART NO. MCDM(R) Series	REVISIONS								
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		-	A	RELEASED	S. R	17/3/06	K. S	17/3/06	N. K	31/3/06

Part Number Explanation

MC

DM

R

-

02

T

TypeSwitch TypeActuatorTypeNumber of PositionsSeal

Switch Type

Actuator Type

Number of Positions

Seal

: Surface Mounting Type DIP Switch.

: R = Recessed Actuator.

: 02, 04, 06, 08 and 10.

: T = Top Tape Sealed.

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	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	S. Ram	17/03/06	DM(R) Series - DIL Switches				
		CHECKED BY:	DATE:					
		K. Suresh	17/03/06	SIZE	DWG NO.	ELECTRONIC FILE		REV
		APPROVED BY:	DATE:	A	M10000233	213302_DWG		A
		N. Kiwomya	31/03/06	SCALE: NTS		U.O.M.: mm (Inches)		SHEET: 4 OF 5

	PART NO. MCDM(R) Series	REVISIONS								
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		-	A	RELEASED	S. R	17/3/06	K. S	17/3/06	N. K	31/3/06
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		APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: mm (Inches)		SHEET: 5 OF 5		
		N. Kiwomya	31/03/06							