

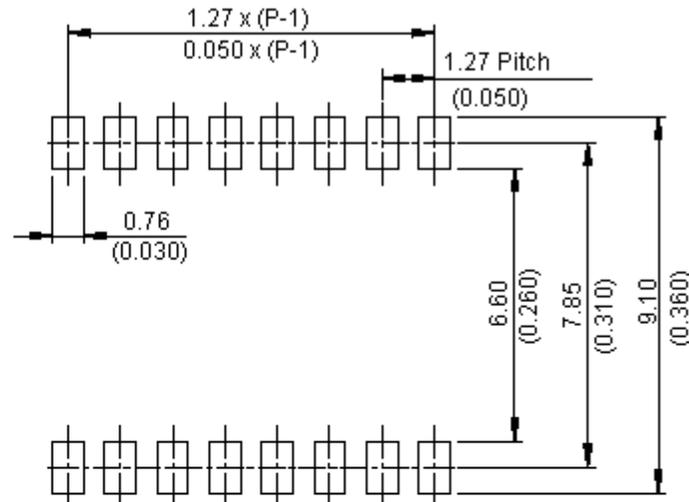
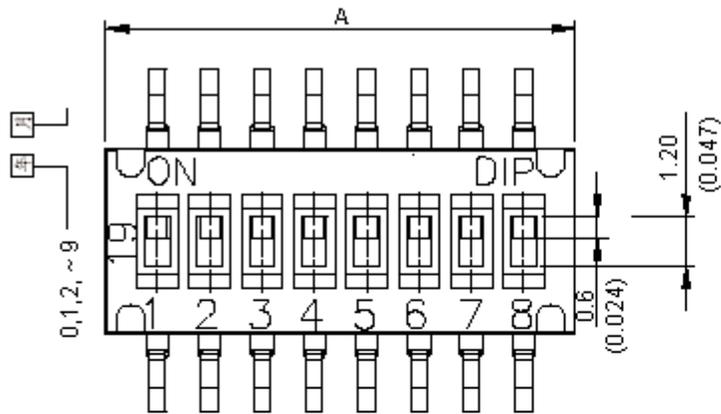


PART NO.

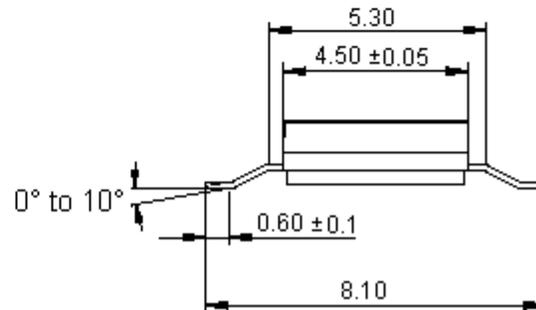
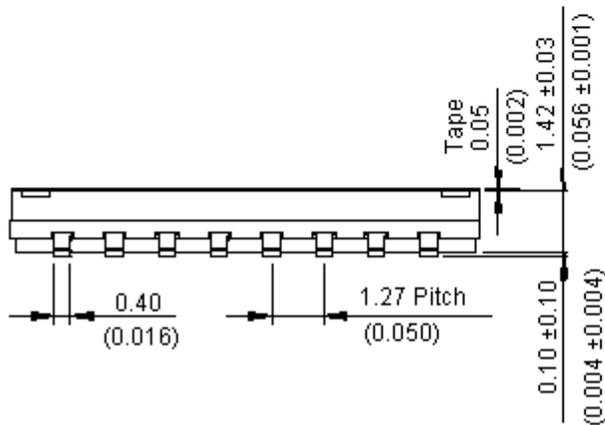
MCDHN-02-V - Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	12/8/08	Suresh	12/8/08	G. C	26/8/08



PCB Layout



Dimensions : Millimetres (Inches)

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Veena	12/08/08
CHECKED BY:	DATE:
Suresh	12/08/08
APPROVED BY:	DATE:
G.Cook	26/08/08

DRAWING TITLE:

DIL Switch - MCDHN Series

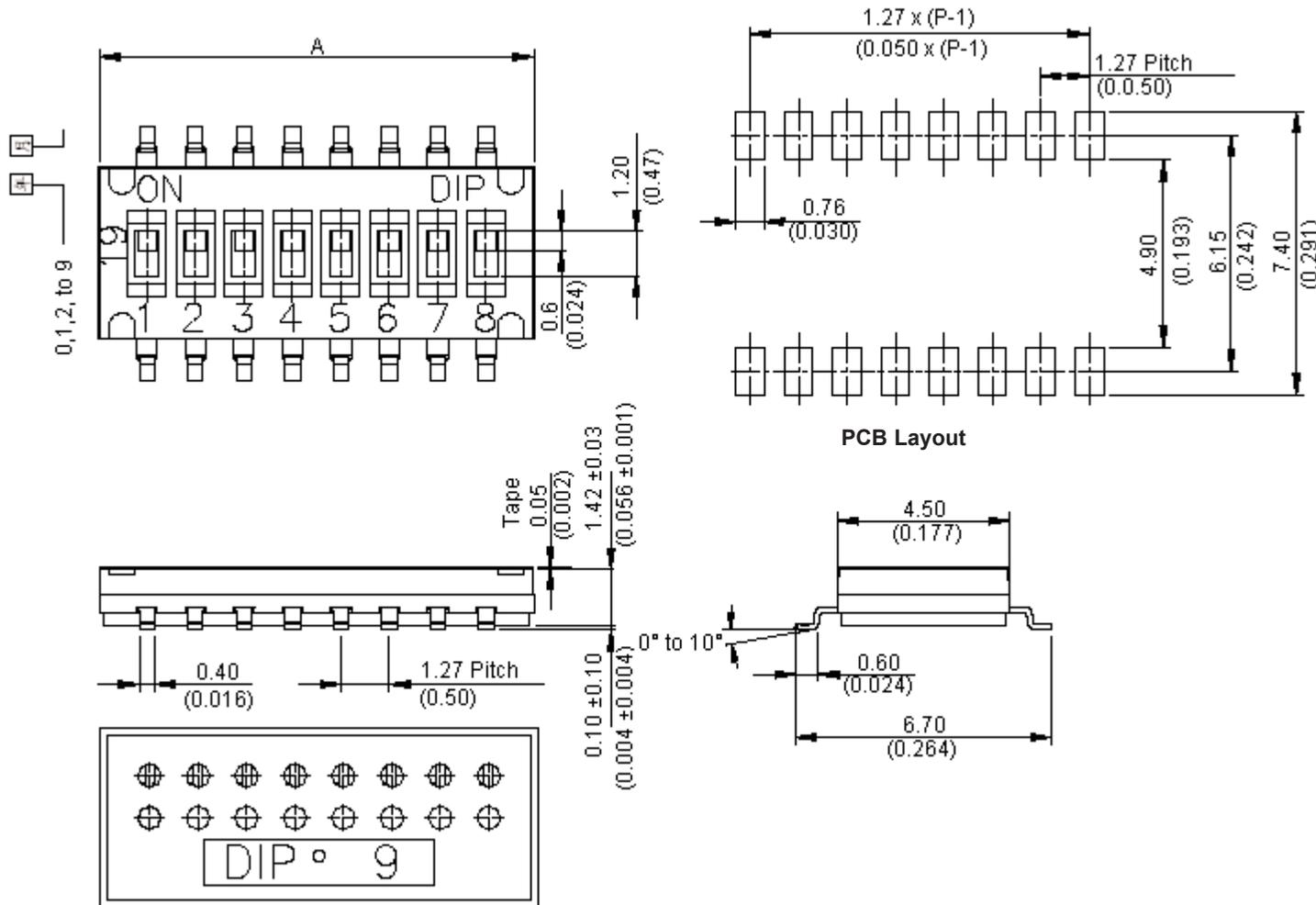
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10001607	(F)NHDS-V_1_DWG	A
SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 1 OF 5	

PART NO.

MCDHN-02-V - Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	12/8/08	Suresh	12/8/08	G. C	26/8/08



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G.Cook	26/08/08

DRAWING TITLE:

DIL Switch - MCDHN Series

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10001607	(F)NHDS-V_1_DWG	A
SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 2 OF 5	



PART NO.

MCDHN-02-V - Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	12/8/08	Suresh	12/8/08	G. C	26/8/08

Specifications:

Mechanical life : 1000 cycles.
 Operation force : 500gf.
 Stroke : 0.6mm.
 Operation temperature : -40°C to +85°C.
 Storage temperature : -40°C to +85°C.

Electrical:

Electrical life : 1000 cycles.
 Non-switching rating : 100mA, 50V dc.
 Switching rating : 25mA, 24V dc.
 Maximum contact resistance : 100mΩ at initial.
 Minimum insulation resistance : 100mΩ at 500V dc.
 Dielectric strength : 300V ac/1 minute.
 Circuit : SPST.

Material:

Base : Nylon high-temperature thermoplastic.
 Colour : Black.
 Cover : Nylon high-temperature thermoplastic.
 Colour : Black.
 Actuators : LCP high-temperature thermoplastic.
 Colour : White.
 Contact : Alloy copper with gold plated.
 Terminal : Brass with gold plated.
 Tape : KAPTON.

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Suresh	12/08/08
APPROVED BY:	DATE:
G.Cook	26/08/08

DRAWING TITLE:			
DIL Switch - MCDHN Series			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10001607	(F)NHDS-V_1_DWG	A
SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 3 OF 5



PART NO.

MCDHN-02-V - Series

REVISIONS

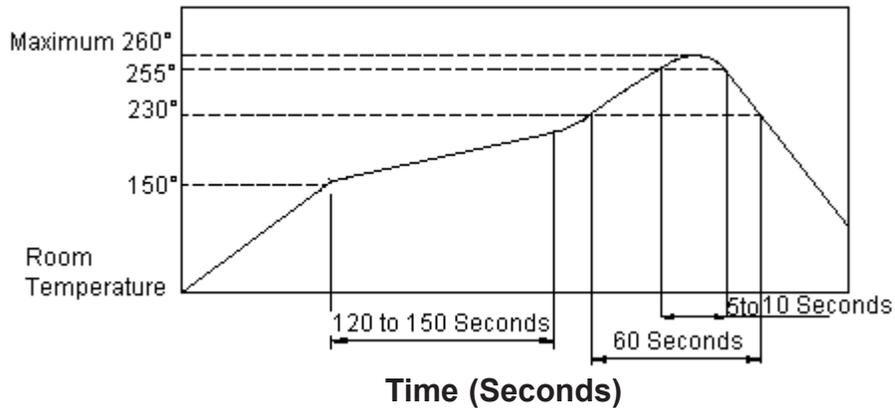
ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	12/8/08	Suresh	12/8/08	G. C	26/8/08

Soldering Process:

Cleaning:

1. Only tape sealed types apply to wash process.
 2. Do not remove the tape before wash process.
 3. After soldering process, do not continue the wash process immediately. Please wait for at least 3 minutes.
 4. Apply alcoholic solvents as cleaning agent do not use other solvents or water.
 5. Ultrasonic cleaning is not recommended.
 6. The cleaning process per stage is maximum 1 minute and the whole cleaning time are not to exceed 3 minutes.
 7. Do not impose any external force on switch while washing.
- Any flux enters the switch may fail the conductivity.

Reflow Temperature Profile:



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G.Cook	26/08/08

DRAWING TITLE:

DIL Switch - MCDHN Series

SIZE A	DWG NO. M10001607	ELECTRONIC FILE (F)NHDS-V_1_DWG	REV A
SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 4 OF 5

