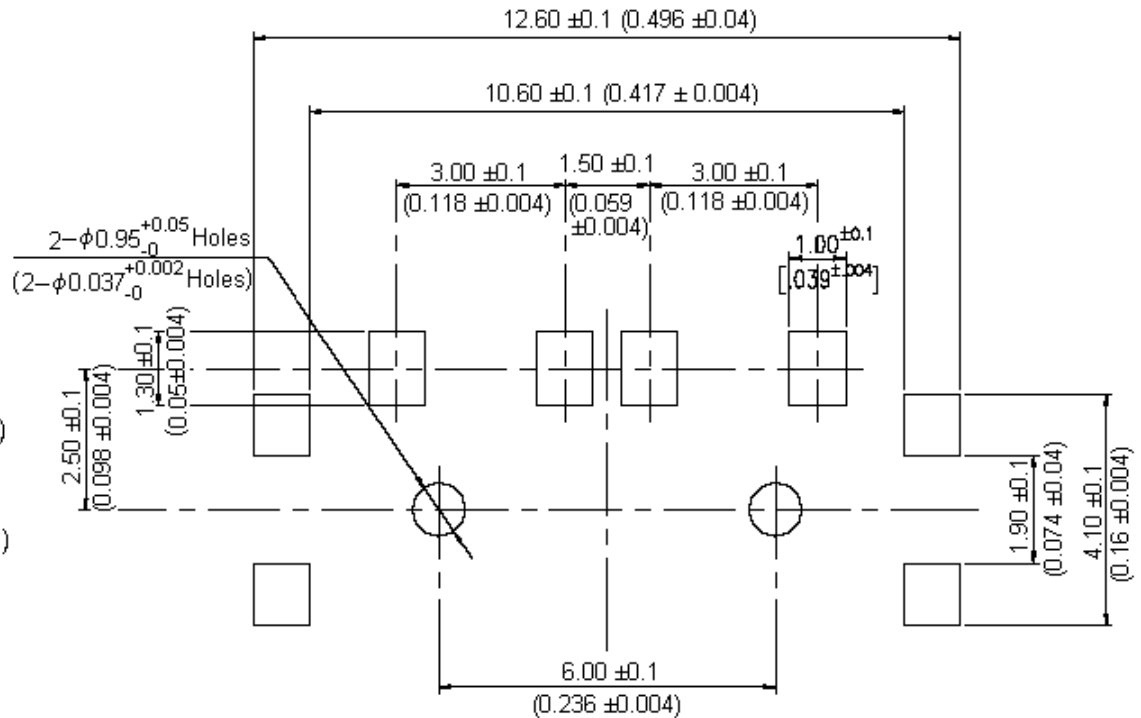
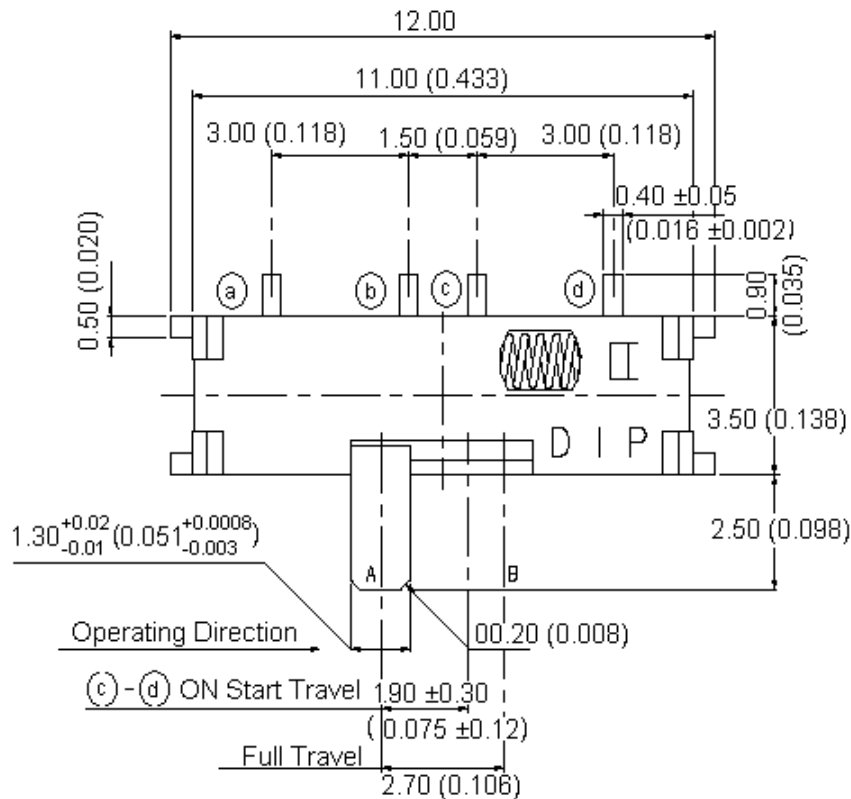


REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Jagan	11/2/08	Suresh	11/2/08	G. C	26/2/08

MCSSS-12LG



PCB Lay out
View from the Direction C

Dimensions : Millimetres (Inches)

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Jagan	11/02/08
CHECKED BY:	DATE:
Suresh	11/02/08
APPROVED BY:	DATE:
G.Cook	26/02/08

DRAWING TITLE:

Slide Switches - Spring Return

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10000825	SSS-V(NEW)_DWG	A
SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 1 OF 6	

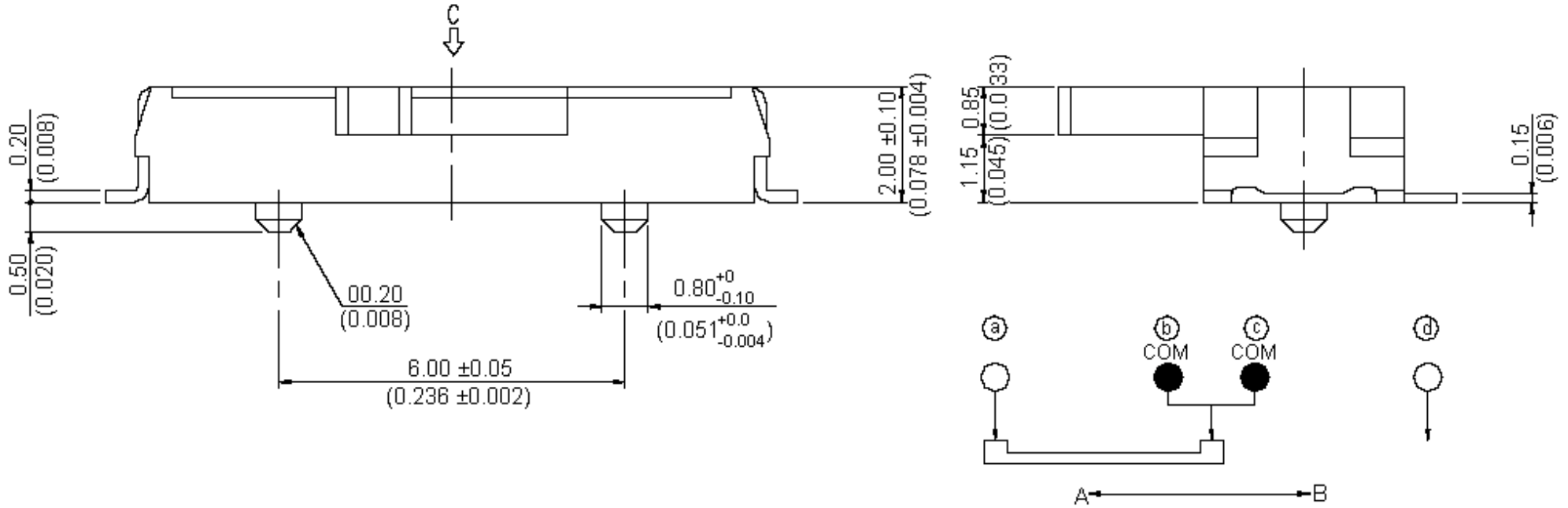


PART NO.

MCSSS Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Jagan	11/2/08	Suresh	11/2/08	G. C	26/2/08



Circuit

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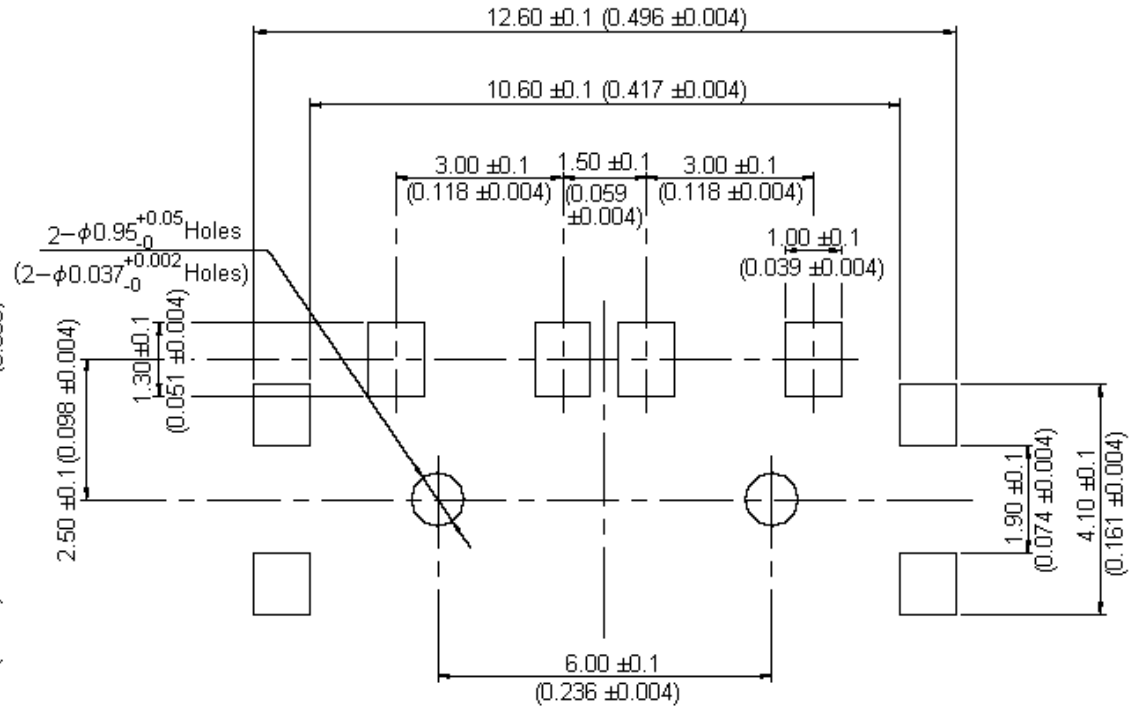
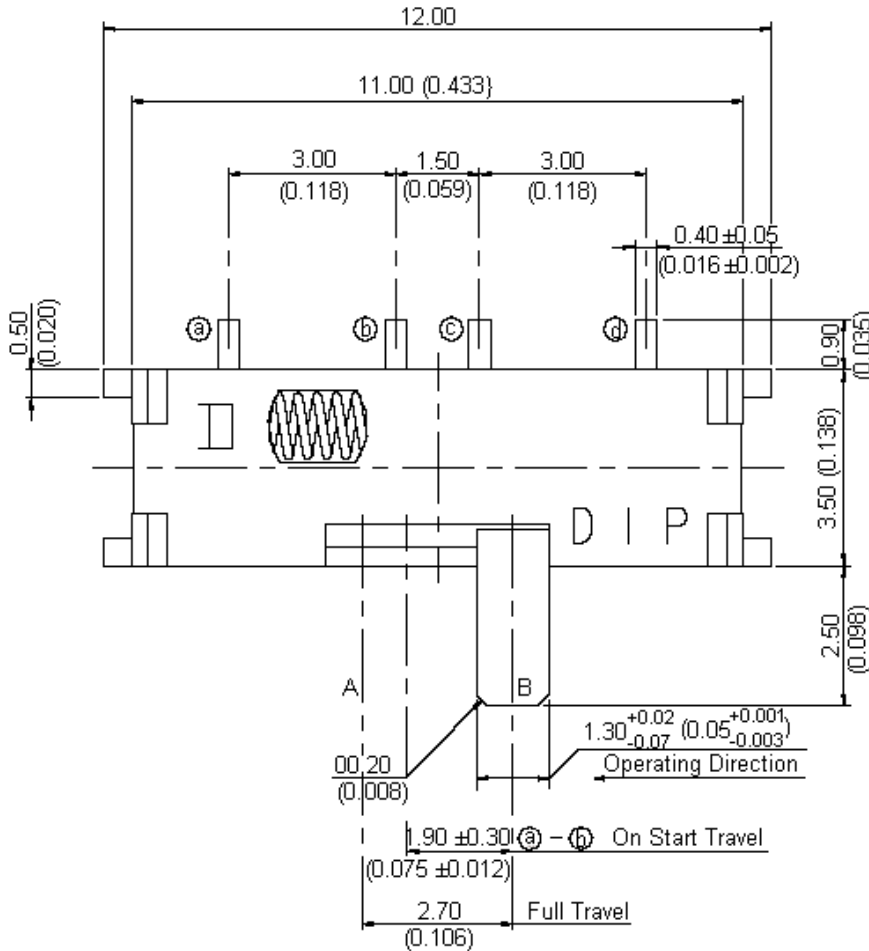
DRAWN BY:	DATE:
Jagan	11/02/08
CHECKED BY:	DATE:
Suresh	11/02/08
APPROVED BY:	DATE:
G.Cook	26/02/08

DRAWING TITLE:			
Slide Switches - Spring Return			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10000825	SSS-V(NEW)_DWG	A
SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 2 OF 6

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Jagan	11/2/08	Suresh	11/2/08	G. C	26/2/08

MCSSS-12RG



PCB Lay out
View from the Direction C

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Suresh	11/02/08
APPROVED BY:	DATE:
G.Cook	26/02/08

DRAWING TITLE:

Slide Switches - Spring Return

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10000825	SSS-V(NEW)_DWG	A
SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 3 OF 6	

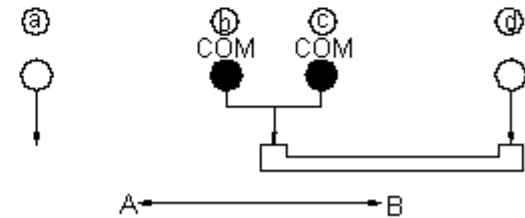
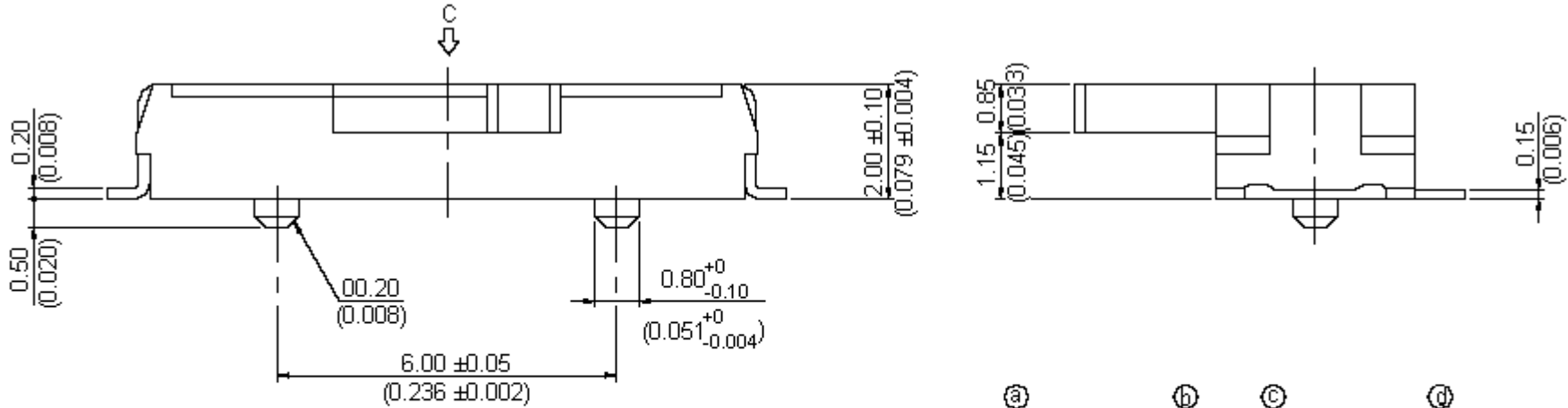


PART NO.

MCSSS Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Jagan	11/2/08	Suresh	11/2/08	G. C	26/2/08



Circuit

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Jagan	11/02/08
CHECKED BY:	DATE:
Suresh	11/02/08
APPROVED BY:	DATE:
G.Cook	26/02/08

DRAWING TITLE:			
Slide Switches - Spring Return			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10000825	SSS-V(NEW)_DWG	A
SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 4 OF 6



PART NO.

MCSSS Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Jagan	11/2/08	Suresh	11/2/08	G. C	26/2/08

Specifications:

Mechanical:

Operating force : 180 ±70gf.
 Operating temperature range : -10 to +60°C.
 Storage temperature range : -20 to +75°C.

Electrical:

Electrical life : 10,000 cycles.
 Rating : 25mA, 24V dc.
 Maximum contact resistance : 70mΩ.
 Minimum insulation resistance : 100mΩ at 100V dc.
 Dielectric strength : 100V ac/1 minute.
 Circuit : 1P2T.

Materials:

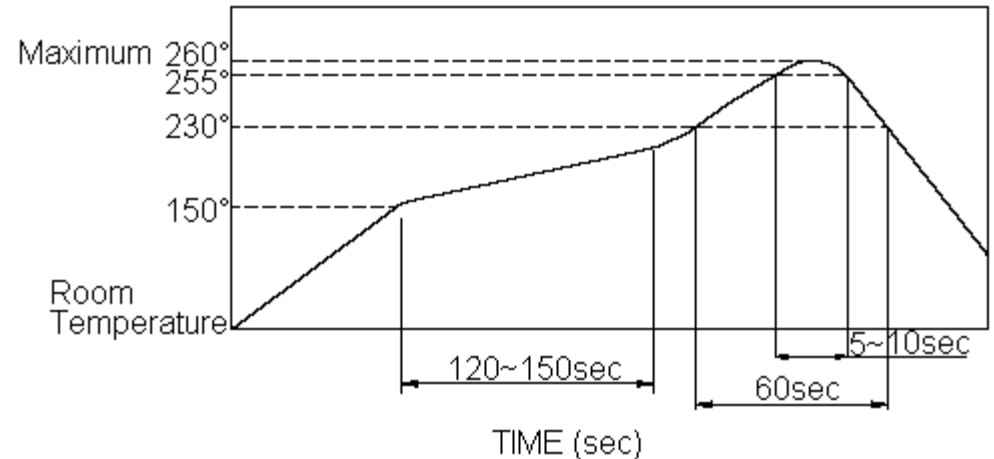
Stem : UL 94V-0 high temperature thermoplastic.
 Colour: Black.
 Cover : Nickel silver.
 Spring : Stainless silver.
 Contact : Alloy copper, gold plated.
 Base : LCP high temperature thermoplastic.
 Colour: Black.
 Terminal : Phosphor bronze, with silver plated.

Soldering Process:

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

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

Temperature Profile



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Jagan	11/02/08
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Suresh	11/02/08
APPROVED BY:	DATE:
G.Cook	26/02/08

DRAWING TITLE:

Slide Switches - Spring Return

SIZE A	DWG NO. M10000825	ELECTRONIC FILE SSS-V(NEW)_DWG	REV A
SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 5 OF 6



PART NO.

MCSSS Series

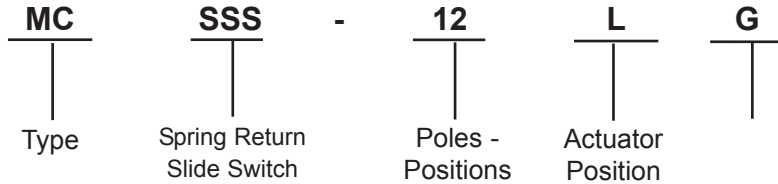
REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Jagan	11/2/08	Suresh	11/2/08	G. C	26/2/08

Part Number Table

Description	Part Number
Switch, Slide, SMD On-Mom	MCSSS-12LG
Switch, Slide, SMD On-Mom	MCSSS-12RG

Part Number Explanation



Poles - Positions : 12 = 1P2T.
Actuator Position : L = Actuator in Left Side.
 R = Actuator in Right Side.

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>

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CHECKED BY:	DATE:
Suresh	11/02/08
APPROVED BY:	DATE:
G.Cook	26/02/08

DRAWING TITLE:			
Slide Switches - Spring Return			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10000825	SSS-V(NEW)_DWG	A
SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 6 OF 6