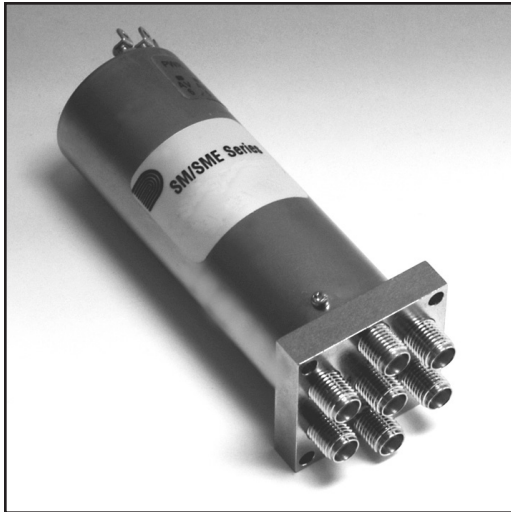


SM/SME SERIES
MINIATURE 1P3T to 1P6T
MULTI POSITION SWITCH
DC-26.5 GHz ◆ SMA

Click Here to Request Quote



The **SM Series** features SMA connectors and a frequency range of DC to 18 GHz.

The **SME Series** also features SMA connectors and has a frequency range of DC to 26.5 GHz.

Both series are available with failsafe or normally open functions. Future designs will offer Latching; Logic Driver and Indicators.

Weight:	5.0 oz
RF Impedance:	50 ohms nominal
Operating Temperature:	-55°C to +85°C ambient
Operating Life:	1,000,000+ cycles min.
Switching Sequence:	Break Before Make

SPECIFICATIONS

Frequency	VSWR (max.)	Insertion Loss (dB max.)	Isolation (dB min.)
DC-4 GHz	1.15	0.25	75
4-8 GHz	1.25	0.30	70
8-12 GHz	1.30	0.35	65
12-18 GHz	1.40	0.45	60
18-26.5 GHz	2.00	1.00	55

Actuator Current (typical)	12Vdc	15 Vdc	24 Vdc	28Vdc
Failsafe	Consult	Consult	205mA	Consult
Normally Open	Factory	Factory	75mA	Factory

* If reduced coil current is required, please contact Factory.

Position	NO	NC	Latching
Switching Time - mSec (Max)	15	35	N/A

AVAILABLE OPTIONS

OPTION 3 VOLTAGE	OPTION 4 ACTUATOR	OPTION 5 POLARITY
1 - 12 Vdc 2 - 28 Vdc 3 - 15 Vdc 5 - Other 6 - 24 Vdc 7 - 5 Vdc	Failsafe A - Standard B - Diodes Normally Open L - Standard M - Diodes	1 - Negative 2 - Positive 3 - Not Applicable OPTION 6 TERMINALS 1 - Solder Terminals 3 - Other (Specify) 4 - Micro M iniature D-Shell Connector

ADDITIONAL OPTIONS

OPTION 7 STANDARD OPTIONS
1 - Moisture Seal 2 - High Temperature (125° C) 3 - Moisture Seal & High Temperature (125° C)

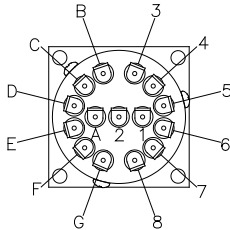
Schematics may include optional Indicator Contacts. If your Actuator Option does not include Indicator Contacts, omit them from the schematic.

For "Additional Options" please contact Factory for part number

SM/SME

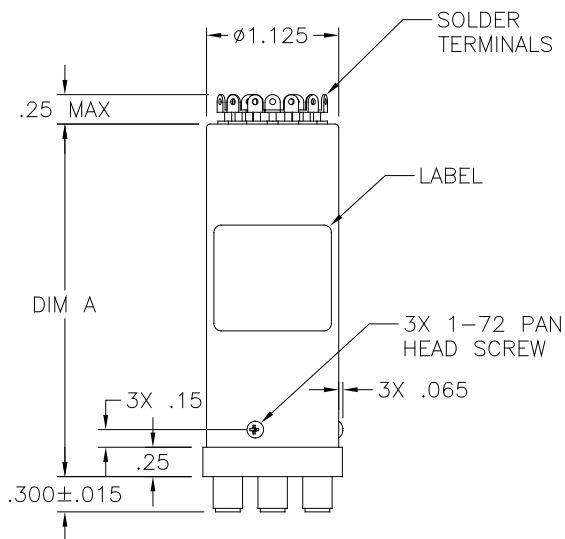
Option 1 Positions	Option 2 Series	Option 3 Voltage	Option 4 Actuator	Option 5 Polarity	Option 6 Terminals
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TOP VIEW

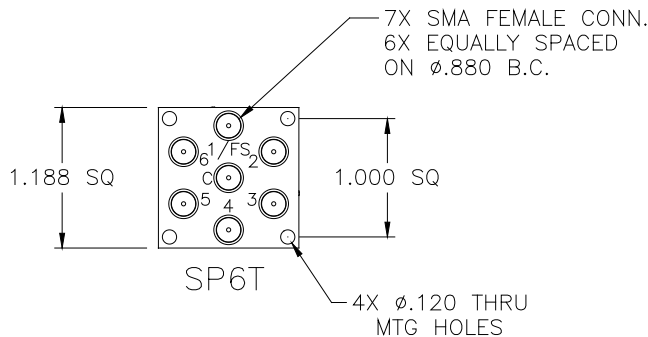


Actual markings will reflect terminal functions, not letter or number designation as shown above.

FRONT VIEW



BOTTOM VIEW



DC TERMINAL FUNCTIONS

PIN	FAILSAFE		NORMALLY OPEN	
	A	B	L	M
1	C	C+/-	C	C+/-
2	N/A	N/A	N/A	N/A
3	N/A	N/A	AV 1	AV 1-/+
4	AV 2	AV 2-/+	AV 2	AV 2-/+
5	AV 3	AV 3-/+	AV 3	AV 3-/+
6	AV 4	AV 4-/+	AV 4	AV 4-/+
7	AV 5	AV 5-/+	AV 5	AV 5-/+
8	AV 6	AV 6-/+	AV 6	AV 6-/+

SCHEMATICS

Pages 132-137

	M1	M2	M5	M6

INDICATORS

PIN	A	B	C	D	E	F	G
	COM	1 or F/S	2	3	4	5	6

See Page 158 for Legend of Terms and Tolerances

See Page 138 for Logic & BCD Truth Table

AVAILABLE OPTIONS*	OUTLINE DRAWING DIMENSION "A" (MAX).
A, L	3.00
B, M	Consult Factory

* Consult factory for Dimension "A" when multi pin connector is desired.