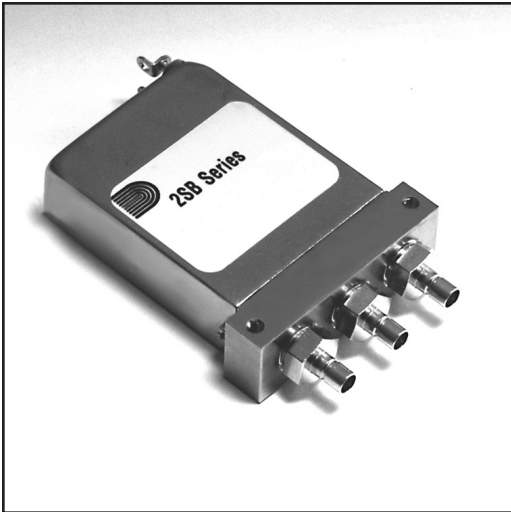


**2SB SERIES
SPDT 75 OHM SWITCH
DC-3 GHz ◆ MINI SMB**

**Click Here to
Request Quote**



The **2SB Series** features Mini SMB connectors and a frequency range of DC to 3 GHz.

This series is available with fail-safe functions. Please contact the factory for latching self cut-off and pulse latching design availability.

Weight (max.):	2 oz
RF Impedance:	75 ohms nominal
Operating Temperature:	-25°C to +65°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-1 GHz	1.10	0.15	90
1-2 GHz	1.15	0.20	85
2-3 GHz	1.20	0.30	80

Actuator Current (typical)	12Vdc	15 Vdc	24 Vdc	28Vdc
Fail-safe	210mA	170mA	110mA	95mA

* 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	Fail-safe A - Standard B - Diodes C - Indicators D - Diodes, Indicators	1 - Negative 2 - Positive 3 - Not Applicable
		OPTION 6 TERMINALS
		1 - Solder Terminals 3 - Other (Specify) 4 - Sub Miniature D-Shell Connector

ADDITIONAL OPTIONS

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

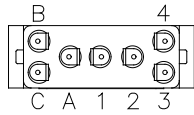
Please Note: Schematics may include optional Indicator Contacts. If your Actuator Option does not include Indicator Contacts, omit them from the schematic.

For "Additional Options" please contact Factory for part number

2SB

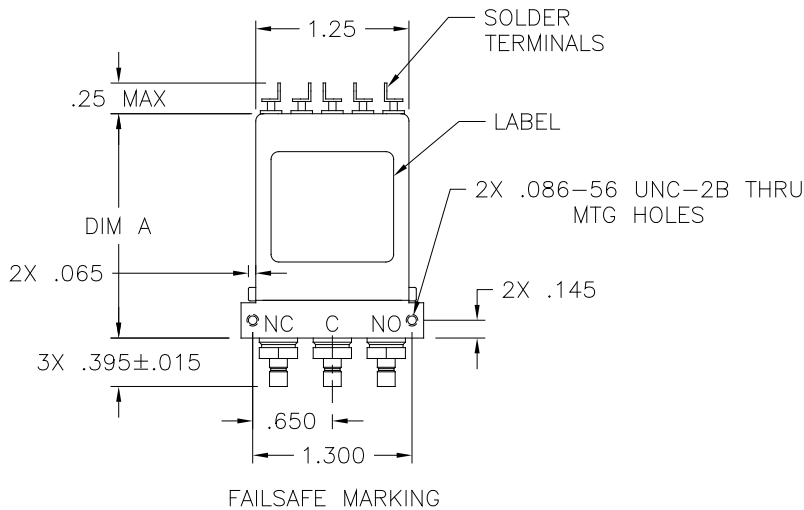
- Option 2
Series
- Option 3
Voltage
- Option 4
Actuator
- Option 5
Polarity
- Option 6
Terminals

TOP VIEW

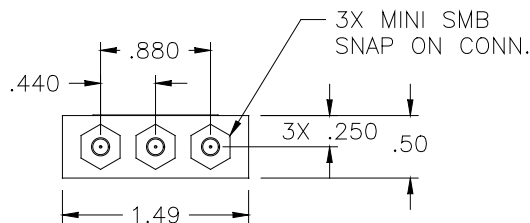


Actual markings will reflect terminal functions, not letter or number designation as shown above.

FRONT VIEW



BOTTOM VIEW



DC TERMINAL FUNCTIONS

PIN	FAILSAFE	
	A, C	B, D
1	N/A	N/A
2	N/A	N/A
3	AV	AV-
4	AV	AV+

SCHEMATICS

Pages 132-137	
S1, S2	S3

INDICATORS

PIN	A	B	C
	COM	1 or N/C	2 or N/O

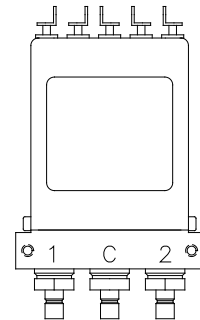
See Page 158 for Legend of Terms and tolerances

See Page 138 for Logic & BCD Truth Table

AVAILABLE OPTIONS*

AVAILABLE OPTIONS*	OUTLINE DRAWING DIMENSION "A"
A, B, C, D	1.90

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



LATCHING MARKING