

**D13 SERIES P
SPDT SWITCH
DC-22 GHz ◆ SMA**

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The **D13 Series** features SMA connectors and a frequency range of DC to 18 GHz.

This series is available with fail-safe function only.

RF Impedance:	50 ohms nominal
Temperature Range:	-35°C to +85°C ambient
Operating Life:	1,000,000 cycles min.
Switching Time:	15 mSec max.
Switching Sequence:	Break Before Make
Environmental:	Designed in Accordance to MIL-DTL-3928 (Testing and Operation Modes)

SPECIFICATIONS

Frequency	VSWR (max.)	Insertion Loss (dB max.)	Isolation (dB min.)
DC-3 GHz	1.20	0.20	80
3-8 GHz	1.30	0.30	70
8-12.4 GHz	1.40	0.40	60
12.4-18 GHz	1.50	0.50	60
18-22 GHz	1.60	0.60	55

Actuator Current (typical)	12Vdc	12-15 Vdc	20-24 Vdc	24-30Vdc
Fail-safe	330mA	330mA	140mA	160mA

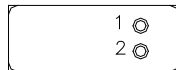
* If reduced coil current is required, please contact Factory.

AVAILABLE OPTIONS

OPTION 2 RF CONNECTORS	OPTION 4 VOLTAGE	OPTION 5 ACTUATOR	OPTION 6 FREQUENCY
4 - SMA	1 - 6 Vdc +/- 10% 2 - 12 Vdc +/- 10% 3 - 24-30 Vdc 4 - 48 Vdc +/- 10% 5 - 110 Vac +/- 10%	Fail-safe	5 - DC to 22 GHz
OPTION 3 TERMINALS	6 - 12-15 Vdc 7 - 18-20 Vdc 8 - 20-24 Vdc	A - Standard	OPTION 7 POLARITY
1 - Solder Terminals 4 - Sub Miniature D-Shell Connector			0 - Not Applicable

D13	-	4	1	A	5	0	
Option 1 Series		Option 2 RF Connectors	Option 3 Terminals	Option 4 Voltage	Option 5 Actuator	Option 6 Frequency	Option 7 Polarity

TOP VIEW



DC TERMINAL FUNCTION

PIN	FAIL SAFE
	A
1	2
2	1

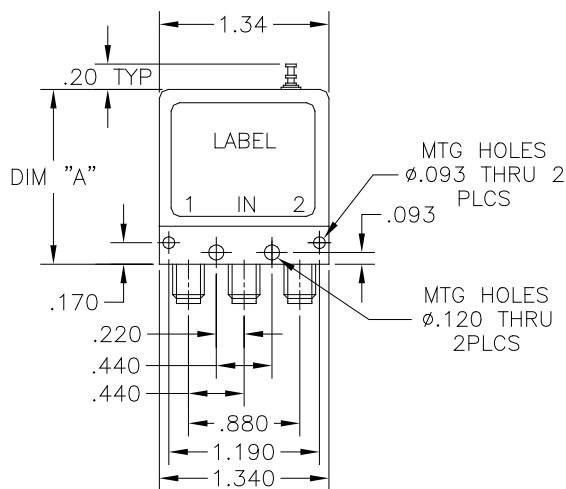
SCHEMATICS

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FIG.	1

OUTLINE DRAWING DIMENSION "A"

	1.38"
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FRONT VIEW



SIDE VIEW

