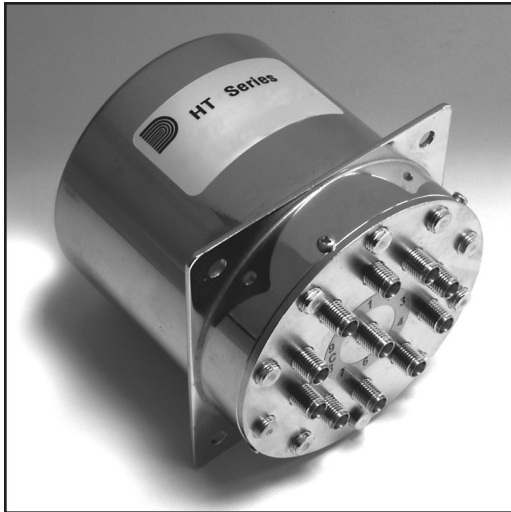


HT SERIES
SP7T to SP10T MULTI POSITION
50 OHM TERMINATED SWITCH
DC-16 GHz ◆ SMA

Click Here to Request Quote



The **HT Series** features SMA connectors and a frequency range of DC to 16 GHz. Actuation is by individual solenoids and 50 ohm internal terminations.

This series is available with normally open functions. Please contact Factory for latching and pulse latching design availability.

Weight (max): 18.5 oz
RF Impedance: 50 ohms nominal
Operating Temperature: -25°C to +65°C ambient
Operating Life: Contact Factory for Details
Switching Sequence: Break Before Make

SPECIFICATIONS

Frequency	VSWR (max.)	Insertion Loss (dB max.)	Isolation (dB min.)
DC-4 GHz	1.25	0.30	75
4-8 GHz	1.30	0.35	70
8-12 GHz	1.40	0.40	65
12-16 GHz	1.60	0.80	60

Actuator Current (typical)	12Vdc	15 Vdc	24 Vdc	28Vdc
Normally Open	380mA	295mA	190mA	170mA

* 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	Normally Open		1 - Negative
2 - 28 Vdc	L - Standard	N - Indicators	2 - Positive
3 - 15 Vdc	M - Diodes	P - Diodes, Indicators	3 - Not Applicable / USB
5 - Other	MY - Diodes with USB	PY - Diodes, Indicators with USB	
6 - 24 Vdc			OPTION 6 TERMINALS
7 - 5 Vdc	Low Input Drivers with:	High Input Drivers with:	1 - Solder
	R - Diodes	RH - Diodes	Terminals
	S - Diodes, Indicators	SH - Diodes, Indicators	2 - Circular
	RB - B C D, Diodes	RBH - B C D, Diodes	Connector
	SB - B C D, Diodes, Indicators	SBH - B C D, Diodes, Indicators	3 - Other (Specify) / USB
			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)
OPTION 8 BRACKETS
A - See Page 144

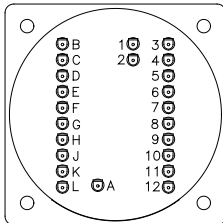
Please Note: USB integration can only be applied to Voltage Options 5Vdc, 12Vdc, & 15Vdc, Polarity Option # 3, and Terminals Option # 3. Schematics may include optional Indicator Contacts. If your Actuator Option does not include Indicator Contacts, omit them from the schematic.

For "Additional Options" please contact Factory for part number

HT

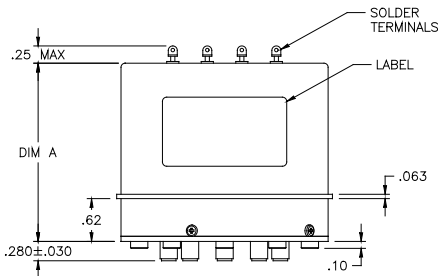
- Option 1**
Positions
- Option 2**
Series
- Option 3**
Voltage
- Option 4**
Actuator
- Option 5**
Polarity
- Option 6**
Terminals

TOP VIEW

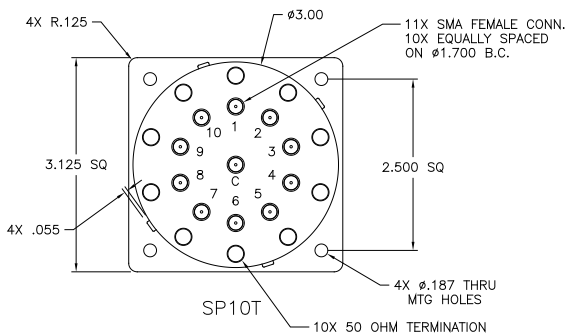


Actual markings will reflect terminal functions, not letter or number designation as shown above.

FRONT VIEW



BOTTOM VIEW



DC TERMINAL FUNCTIONS

PIN	NORMALLY OPEN		
	L, N	M, P	R, RH, RB, RBH, S, SH, SB, SBH
1	C	C+/-	+V SW
2	N/A	N/A	C RTN
3	AV 1	AV 1-/+	L 1 or BCD 1
4	AV 2	AV 2-/+	L 2 or BCD 2
5	AV 3	AV 3-/+	L 3 or BCD4
6	AV 4	AV 4-/+	L 4 or BCD 8
7	AV 5	AV 5-/+	L 5
8	AV 6	AV 6-/+	L 6
9	AV 7	AV 7-/+	L 7
10	AV 8	AV 8-/+	L 8
11	AV 9	AV 9-/+	L 9
12	AV 10	AV 10-/+	L 10

SCHEMATICS

Pages 132-137		
M14	M15	M16, M17

INDICATORS

PIN #	A	B	C	D	E	F	G	H	J	K	L
	COM	1 or F/S	2	3	4	5	6	7	8	9	10

See Page 158 for Legend of Terms and Tolerances

See Page 138 for Logic & BCD Truth Table

AVAILABLE OPTIONS*	OUTLINE DRAWING DIMENSION "A"
L, M, N	2.23
P	2.58
R, RB, RBH, RH	2.95
S, SB, SBH, SH	3.10

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

