

The **T4 Series** features SMA connectors and a frequency range of DC to 18 GHz.

This series is available with fail-safe, latching self cut-off or pulse latching functions.

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

Actuator Current (typical)	12Vdc	12-15 Vdc	20-24 Vdc	24-30Vdc
Failsafe	480mA	480mA	330mA	280mA
Latching	280mA	280mA	270mA	220mA

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

AVAILABLE OPTIONS

OPTION 2 RF CONNECTORS	OPTION 4 VOLTAGE	OPTION 5 ACTUATOR	OPTION 6 FREQUENCY	OPTION 8 SPECIAL OPTIONS
4 - SMA	1 - 6 Vdc +/- 10% 2 - 12 Vdc +/- 10% 3 - 24-30 Vdc 4 - 48 Vdc +/- 10% 5 - 110 Vac +/- 10%	Failsafe A - Standard B - Indicators M - Diodes Q - Diodes, Indicators Latching Self Cut-Off D - Diodes E - Diodes, Indicators Pulse Latching C - Standard F - Indicators Y - Diodes L - Diodes, Indicators	3 - DC to 18 GHz	L - TTL (High) LL - TTL (Low) 1 - Bracket M - Manual Override P - High Power Handling
OPTION 3 TERMINALS 1 - Solder Terminals 2 - Circular Connector 4 - Sub M miniature D-Shell Connector	6 - 12-15 Vdc 7 - 18-20 Vdc 8 - 20-24 Vdc		OPTION 7 POLARITY 0 - Not Applicable 8 - Positive Common 9 - Negative Common	

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Option 1 Series	Option 2 RF Connectors	Option 3 Terminals	Option 4 Voltage	Option 5 Actuator	Option 6 Frequency	Option 7 Polarity	Option 8 Special Options
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DC TERMINAL FUNCTION

PIN	FAILSAFE							LATCHING						
	A	M	A, M w/ TTL	B	Q	B, Q w/ TTL	C, Y	C, Y w/ TTL	D	D w/ TTL	E	E w/ TTL	F, L	F, L w/ TTL
1	N/A	N/A	N/A	COM	COM	COM	N/A	+A	N/A	+A	COM	+A	COM	+A
2	1	+1	N/A	1	1	1	N/A	N/A	N/A	N/A	1	-B	1	-B
3	N/A	N/A	N/A	2	2	2	N/A	1	N/A	1	2	1	2	1
4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	N/A	2
5	N/A	N/A	+A	N/A	N/A	N/A	COM+/-	N/A	COM+/-	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	-B	N/A	N/A	N/A	1-/+	N/A	1-/+	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	2	N/A	N/A	N/A	2-/+	N/A	2-/+	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	1	+1	+A	N/A	-B	N/A	-B	COM+/-	COM	COM+/-	COM
9	2	-2	N/A	2	-2	-B	N/A	N/A	N/A	N/A	1-/+	1	1-/+	1
10	N/A	N/A	N/A	N/A	N/A	2	N/A	2	N/A	2	2-/+	2	2-/+	2

SCHEMATICS

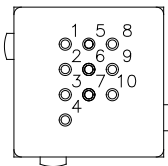
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FIG.	7	7	8	7	7	8	13	14	13	14	13	14	19	20
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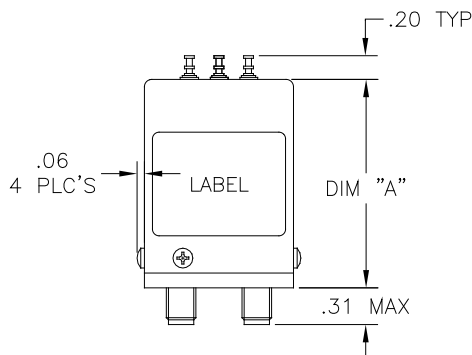
OUTLINE DRAWING DIMENSION "A"

1.76"	1.76"	1.88"	1.76"	1.76"	1.88"	1.76"	1.88"	1.76"	1.88"	1.76"	1.88"	1.76"	1.88"
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TOP VIEW



FRONT VIEW



BOTTOM VIEW

